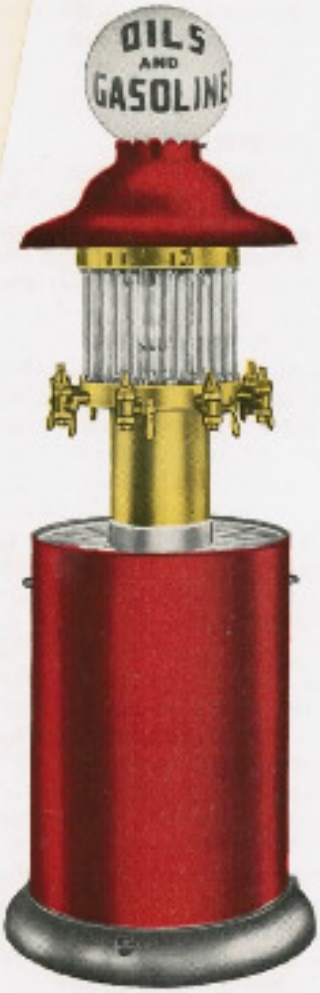
TRADE KEESEE MARK



Cut 101A Model C OILO

Completely Visible Air Operated Oil Dispenser

101A—Fountain only.
101B—With Underground Tanks.
101C—With Surface Tanks.
101D—With Surface Tanks and Gauges.

Keesee Manufacturing Co., Inc.
A California Corporation
Exclusive Builders Keesee Products
Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

Seattle, Wash
Medford, Ore.
Oakland, Calif.
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Sacramento, Calif.
Bakersfield, Calif.
Colton, Calif.
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Phoenix, Ariz.
San Jose, Calif.
Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

Cut 101—Model C Oilo
Completely Visible Oil Dispensers

Design

Cut 101, Model C OILO Lubricating Oil Dispenser is an air-operated system and was the first completely visible of its kind designed, patented and manufactured. This design was made after three years of research work in connection with station operation, the main purpose being to expedite service, increase the sale of oil, assure the purchaser of quality, remind him of his possible oil needs and impress him with the fact that he is getting the oil for which he paid. It also was designed for an advertising medium through which to sell more oils.

Equipment

Cut 101, Model C OILO is furnished complete with either underground or above-ground storage tanks, as shown. Included therewith are all connections in the fountain down to the unions in the base at pump, including the electrical connection. Also everything is included with the tanks excepting the straight run of piping, as shown. There is also included reducing valve, release valve and gauge.

Operation

Oil is stored in the pressure tanks and is drawn off by means of an outlet faucet on the dispenser. The pressure is approximately 10 pounds, and is maintained through a reducing valve, and each tank is a separate unit controlled by its supply and vent valve to enable it to be shut off and filled without disturbing the other tanks.

Dispensing

Oil is dispensed through the regular automatic self-closing valve at the rate of one quart in five seconds, at a pressure of 10 pounds.

Installation

Cut 101, Model C OILO is easily installed, usually being placed on an island between the pumps, and can be set any reasonable distance from the storage tanks, 1-inch pipe being used, which has a tendency to eliminate pipe friction; all in accordance with designs as shown.

Measurement

The oil is not measured through the dispenser by any calibrations on the glass, but is always measured in the container that is regularly used for serving a car.

Construction

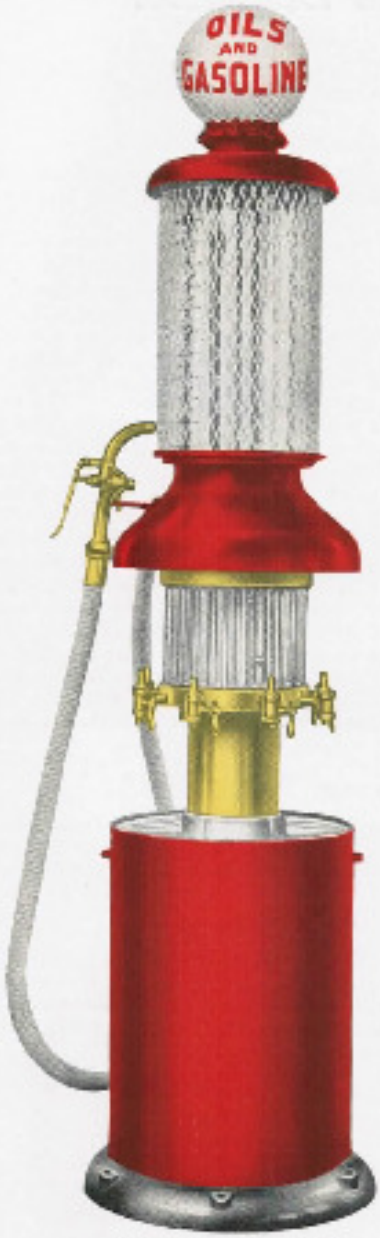
Model C OILO is heavily constructed with cast iron base and a special ribbed, cast iron table with drains provided, and a drip can underneath, to catch any waste, which can is removed and replaced from removable section noted on the side. Is equipped with cast iron canopy, provided with globe holder, and equipped with illuminating globe at the top, also back of the oil tubes, the lights therein being enclosed with vapor-proof electric fittings. Sixteen glass tubes are provided, through which the oil passes, up one tube and down the other for each kind of eight oils, producing a flow of oil through the tube that is visible to the eye, a feature not contained in any other Oil Fountain built. It is provided with a telescope housing for locking in at night, and a two-quart oil service container can be locked therein. The adjustable part of the housing is guided, locked and counter-balanced entirely from the base, leaving the table absolutely free and unobstructed. The outer housing can be placed in any position, up or down as is desired, to prevent dirt or water blowing in during a storm. This housing being counter-balanced, as it is, makes it easily adjustable. The visible oil tubes are set in brass, both top and bottom, and are so constructed as to allow expansion and contraction without leakage, another feature not employed in any other oil fountain. It is finished in brass and duco. Both underground and surface tanks, as furnished with Model C, are heavily constructed and are used with the same pressure system. The above-ground tank installation can, upon request, be furnished with gauge glasses at price quoted on price sheet. The tank capacities are 60 gals. for surface tanks, and 64 gals. for underground tanks.

Weights and Dimensions

Model C OILO is 6½ feet high, has a base diameter of 26 inches. The approximate shipping weight, crated, 325 pounds, without oil containers.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.

TRADE KEESEE MARK



Cut 102A in OPEN POSITION Ready for Use (With Top Light)

Cut 102A Model D COMBO

Combination Air Operated Oil and Gasoline Dispenser

Cuts

102A—Pump only.

102B—With Underground Tanks.

102C—With Surface Tanks.

102D—With Surface Tanks and Gauges.

Cut 102A in CLOSED POSITION Locked for the Night

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Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

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Bakersfield, Calif.
Colton, Calif.
San Diego, Calif.
Phoenix, Ariz.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California

KEESEE TRADE MARK

Cuts 102A—Model D COMBO
Combination Oil and Gasoline Dispenser

Type and Capacity

Cut 102A, Model D COMBO Combination Oil and Gasoline Dispenser was the first of its kind designed, patented and manufactured; was specially designed for conserving space and labor, creating attractive features in the sale of gasoline and oil and for the expression of stability in super-service station operation. It has a gasoline capacity of 10 gallons and 8 brands of lubricating oils and is connected with any of the underground gasoline storage systems as desired; is also connected with either of the oil storage systems. It is operated by applying air through the oil storage systems and also through an automatic air valve in the main pump directly connected to the auxiliary pressure tank buried slightly below the level of the main gasoline storage tank.

Equipment

Cut 102, Model D COMBO is furnished complete with either of the oil storage systems referred to with all mechanisms of the pump from the ground up, including hose and hose valves, unions for connecting to the installation pipe at pump, check and foot valve that will conform to the installation desired. It is equipped with 8 self-closing dripless oil valves. It is also equipped with lighting, either style, top or side lights, without extra charge.

A reducing Air Valve, Release Valve and Gauge is also included for use with the Oil System.

Measurement

Quantity markers for gallons or half-gallons, as shown, are placed inside on opposite sides of the bowl. Said markers are fit in such manner that they touch the glass, which insures accuracy of reading. The markers are permanently set, tested and sealed in the factory, and when once installed eliminate any after-adjustment if the pump remains level.

Dispensing

Gasoline is dispensed through an automatic self-closing hose nozzle specially designed for this type equipment. The rate of dispensing is approximately 10 gallons in 40 seconds. Oil is dispensed through a self-closing dripless oil valve directly into the container for service to the car.

Installation

Installation of Model D is made in accordance with any system, as desired. Tanks may be set any reasonable distance from the pump. Installation pipe and fittings are included in installation and not with the equipment.

Operation

Cut 102, Model D COMBO is operated by air, through the automatic air valve, which fills pump and automatically shuts off and also operated by air being supplied to the oil storage system. After properly installed, there is little need for service attention other than making sure the air valves are closed tight and the automatic air valve mechanism to have a little oil now and then to make it work freely. A quick-opening valve drains the pump in 20 seconds.

Construction

Model D COMBO is constructed with many distinctive features and is performing accurate, efficient and satisfactory service wherever installed. It is completely visible, showing 8 visible oils through 16 tubes and 10 gallons of gasoline. Model D COMBO is brass fitted throughout around the oil glasses. Said glasses are installed in such manner that expansion and contraction can take place without leakage. The table is specially ribbed for clean drainage. Any drippage or overflow is taken care of by a drip can provided underneath the table. It is equipped with lights as shown. The bowl is provided with a clean-out on top specially fitted for cleaning the bowl without disturbing it. The markers are made in gallons and half-gallons, permanently set in place and sealed. The screen is easily removed, being in two halves. The bowl is vapor-tight.

Model D COMBO is constructed with a telescope housing for locking in at night and a 2-quart oil service container can be locked therein. The movable part of this housing is guided, counterbalanced and locked entirely from the base, leaving the table absolutely free and unobstructed by any posts. The outer housing can be placed in any position, up or down, as is desired, to prevent dirt or water blowing in during a storm. This housing being counterbalanced as it is, makes it easily adjustable.

Hand Attachment

Model D can be equipped with a hand-operated emergency pump for raising the gasoline into the bowl. This, when furnished, is on special order at additional cost.

Lighting

Model D COMBO is lighted as shown with top light or side lights and a light back of the oils which is included in the price of equipment. The lights back of the oils may be removed or replaced by removing the shield above the glass tubes, taking cover off of conduit box, removing the conduit fitting and taking out complete vapor-proof fitting. Extension wires are placed in conduit boxes for that purpose.

Side Lights

Weights and Dimensions

Model D COMBO is 9 feet 2 inches high, including the top light, or 8 feet 4 inches high including the side lights, and has a base diameter of 26 inches. The hole diameter in island for pipe should be approximately 18 inches. Shipping weight, approximately 700 pounds, which does not include oil containers or main gasoline tank. Oil tanks, crated, shipping weight, approximately 700 pounds; 550-gal. 12-gauge gasoline storage tank, approximately 500 pounds.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.

TRADE KEESEE MARK

KEESEE GASOMETER TYPE

VISIBLE PUMPS

(Patents applied for)

For Cuts 104A-105A-106A-107A and 108A

Gasometer Attachment for all makes of Visible Pumps

Gasometer Type Visible Pump

THE GASOMETER IS A KEESEE PRODUCT

The KEESEE GASOMETER is positive displacement and not a flow meter.

KEESEE GASOMETER TYPE VISIBLE PUMPS are made to positively insure Distributor against overmeasure and also gives him an absolute check on his daily output.

The KEESEE GASOMETER has been inspected and sealed by the Los Angeles County Department of Weights and Measures, and this inspection has been approved by the State Department at Sacramento, and all County Sealers in the State of California notified of such approval and seal. Application has been made for approval of the National Bureau of Standards, also the National Board of Fire Underwriters.

Points of Distribution

Medford, Ore.
Oakland, Calif.
Fresno, Calif.
Bakersfield, Calif.
Colton, Calif.
San Diego, Calif.
Phoenix, Ariz.

Keesee Manufacturing Co., Inc.

A California Corporation

Exclusive Builders Keesee Products

Visible Gasoline Pumps, Tanks, Oil Storage Systems

FACTORY AND OFFICE:
2001 Belgrave Avenue
Huntington Park
Los Angeles, California

TRADE KEESEE MARK

KEESEE GASOMETER TYPE

VISIBLE PUMPS

(Patents applied for)

For Cuts 104A-105A-106A-107A and 108A

TYPE AND CAPACITY

The Keesee Gasometer Type Visible Pump as shown, with Meter, is manufactured in all models, according to the above Cut numbers. It is specifically a metered Pump. The Bowl, however, is calibrated as is case of all the Visible Pumps of our make. The Meter has a continuous capacity, the Bowl having 10 gallons only per fill. The Meter feature is for the purpose of selling gasoline according to meter measurement and at the same time keeping a close check on the total daily output.

EQUIPMENT

In ordering the Keesee Gasometer type of equipment, all orders must be written, giving the regular Cut number, using the word "Gasometer," which distinguishes between the regular equipment and metered equipment.

METER

The Meter installed in the Keesee Gasometer type of Pump is a Keesee product, patents applied for, and is manufactured by the Keesee Mfg. Co., Inc., only.

MEASUREMENT

The Keesee Gasometer type of Pump has the measurement indicators in the bowl as well as on the dial face of the Meter, which dial face is much easier to read. However, the indicators are installed as a check and proof to the customer. The specific feature of the Gasometer type of Pump is that the Station Operator has one definite point to watch at all times when he is controlling the gasoline output through the hose valve. This insures much better accuracy than when trying to read the indicators on inside of the bowl at a varying position of the liquid.

OFFICIAL SEAL

The Keesee Gasometer has been inspected and sealed by the Los Angeles County Department of Weights and Measures, and this inspection has been approved by the State Department at Sacramento, and all County Sealers in the State of California notified of such approval and seal. The test made by the Sealer with a variable head showed an accuracy of within ¼ of 1 ounce in 5 gallons, practically 100% perfect.

DISPENSATION

Gasoline is dispensed in the regular manner, through the control of the hose valve, and the Operator reads the meter dial only. The rate of flow is approximately 10 gallons in 45 seconds.

INSTALLATION

The installation of the Keesee Gasometer type of Pump is in accordance with any of the above models referred to, as the Pump is furnished complete with meter and does not require any extra arrangement for installation.

OPERATION

The operation of the Keesee Gasometer type of Pump is in accordance with the operation of all other models of Cuts 104A, 105A, 106A, 107A and 108A. It is necessary at all times to positively set the dial to zero before serving. This detail is explained under the heading Construction.

CONSTRUCTION

The construction of the Keesee Gasometer type of Pump is identical in every detail with all other models as manufactured, excepting it has a Keesee piston type displacement gasoline meter installed in the housing, and is an integral part of the Pump, which is equipped complete with double face dial, that is a dial on each side of the Pump, facing the Island. This dial or clock mechanism is so constructed that it cannot be set forward either during operation or when remaining idle and is only set back to zero by means of turning a thumb screw backwards on face of the dial, one and a fractional part of one turn, which completely sets both pointers on both dials to zero in the same movement. The Gasometer model is so constructed that all gasoline dispensed passes directly through the meter, there being no other possible outlet, and it is impossible to draw the gasoline so low that the meter will get filled with air, there being an automatic valve installed in the intake of the meter and made a part thereof, which completely protects the meter against the inlet of air. Also, an additional valve is installed in the outlet to prevent air getting into the meter, back through the hose, and the meter is constructed so that there are no air pockets and at all times air is completely eliminated, thereby assuring accurate measurement and at the same time maintaining further assurance that the recording or dial mechanism of the meter cannot be tampered with by drawing all of the gasoline out of the pump or by forcing air backward through the hose. This meter is constructed from materials that have proven satisfactory for handling gasoline and other like liquids, and is provided with adjustments so that accuracy of measurement can be adjusted to practically 100% under all working conditions.

Further, the construction is such that in case of wear an adjustment can easily be made that will again render the meter the same as new. It is ball bearing equipped throughout, which consists of monel metal or rust-proof balls, operating in a phosphor bronze race. The valve mechanism is completely carried on ball bearings and the meter is so constructed that friction is practically eliminated, thereby reducing wear to a minimum. This insures long life.

LIGHTING

Attachments can be added to the Gasometer type of Pumps the same as other models, with an additional cost.

WEIGHTS AND DIMENSIONS

The Gasometer type of Pump is of the same height and base dimensions as all other models. That is, 8'6" in height, without lights, base diameter 26", shipping weight, crated, with meter installed, approximately 560 lbs.

GASOMETER ATTACHMENT

The Gasometer attachment can be applied to all makes of Visible Pumps. When ordering, specify the make, size and angle of the hose outlet of the Pump.

TOTALIZING METER ONLY

The Totalizing Meter can be applied to all makes of Visible Pumps and is fully accurate for the gasoline output under all conditions. The mechanism is identical with that of the Gasometer.

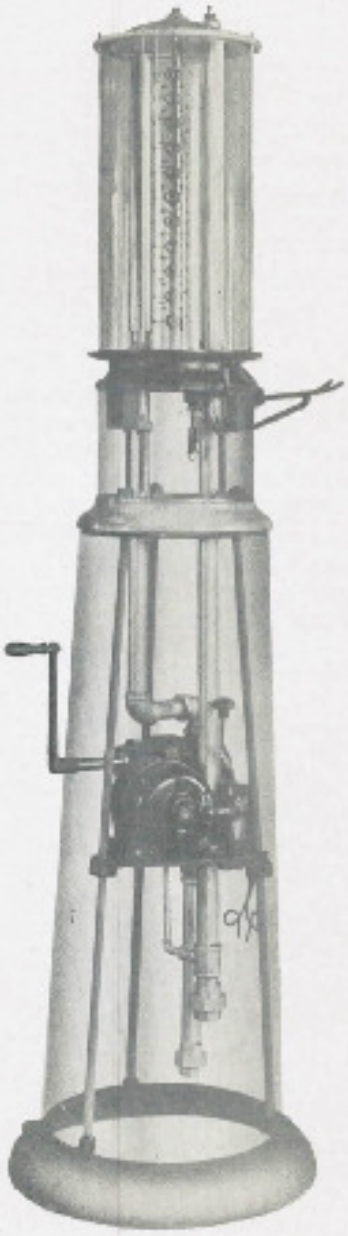
TRADE KEESEE MARK

Cut 104A
Model
F

GASO
Electrically Operated
Visible
Gasoline Pump
with
Hand
Attachment
Combined

Cut 104B

is the
Same
Pump
with
Positive
Measure
Attachment



Keesee Manufacturing Co., Inc.
A California Corporation
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Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

Seattle, Wash
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Oakland, Calif.
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Sacramento, Calif.
Bakersfield, Calif.
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San Jose, Calif.
Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 8441-8442

KEESEE TRADE MARK

Cut 104-A Model F Gaso

Model F Electric Gasoline Pump

Electric Operated Visible Gasoline Pump

Type and Capacity

Cut 104A, Model F GASO Electric is an electrically operated, ten-gallon Visible gasoline pump, with hand attachment combined, and can be used with any underground storage system. It is operated by pressing an electric button, holding same in until the pump fills. No auxiliary tank is required.

Equipment

Cut 104A, Model F GASO Electric is furnished complete with all mechanism, ready for installing, including hose, hose valve and unions at pump, for connecting installation piping, is furnished with a check valve for suction line. It is furnished with top or side lights if desired. Is also equipped with a ½ h. p., completely inclosed, vapor proof motor, connected to a No. 5 Blackmer Rotary Pump by means of worm gears, incased, running in oil. Is connected with self opening oil switch, all completely vapor proof and free from fire hazard.

Measurement

Quantity markers for gallons and half-gallons are placed inside on opposite sides of the bowl. Said markers are fr in such manner that they touch the glass. This insures accuracy of reading. The markers are also permanently set, tested and sealed in the factory, and when once installed eliminate any after-adjustment if pump remains level.

Dispensing

Gasoline is dispensed through the automatic self-closing hose nozzle, especially designed for this type of equipment. The rate of dispensing is approximately 10 gallons in 40 seconds.

Installation

Cut 104A, Model F GASO Electric may be installed any reasonable distance from the storage tank. Installation can be made on any tank desired or from any storage tank where a blind pump has been installed. Installation is the same as is shown for the hand pump excepting electric lines to be run, which is always done by the purchaser.

Operation

The Elertric is operated by pressing in a plunger to the electric oil switch and holding same in until the pump fills. When the hand is removed therefrom, the oil switch automatically breaks the circuit, allowing the pump to stop. Time required to fill approximately 20 seconds. The bowl is drained at night by means of a positive quick opening valve, which completely drains the ten gallons in approximately 20 seconds.

Construction

Cut 104A, Model F Electric is extra well contructed in every detail. The skirt is made of blue steel, which is a highly finished product. All valves have removable disc seats. The skirt is fitted with a sliding door through which to operate the electric switch. This door also provides for locking the hose and hose valve in at night. The markers are made for each individual bowl in gallons and half gallons, permanently set in place and sealed. Correct measurement is maintained as long as the pump is level. The cleaning of the inside of the bowl is accomplished by removing a specially fitted cap on the top without disturbing the bowl proper. The screen outside the bowl is easily removed, being in halves. The bowl is absolutely vapor tight. The balance of the construction is in accordance with cuts submitted herewith.

Hand Attachment

Cut 104A, Model F Electric is so designed that the pump can be operated by applying the handle without disturbing the motor drive. This is furnished as regular equipment with this type of pump.

Lighting

The pump may be fitted with either side or top lighting with enclosed vapor proof fittings with an additional cost of $12.00.

Weights and Dimensions

Cut 104A, Model F GASO Electric is 8 feet 6 inches high without lights; base diameter, 26 inches; hole in island for pipe, 15 inches in diamter, is built special height upon application. Shipping weight, crated, approximately 560 lbs.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.

TRADE KEESEE MARK

Cut 105A Model F GASO

Pressure Type Air Operated Visible Gasoline Pump

Cut 105B Is the Same Pump With Positive Measure Attachment

Keesee Manufacturing Co., Inc.

A California Corporation

Exclusive Builders of Keesee Products

Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

Seattle, Wash
Medford, Ore.
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San Jose, Calif.
Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

Cut 105A—Pressure Type Air Operated, Visible Gasoline Pump

Type and Capacity

Cut 105A, Model F GASO is an air-operated 10-gallon Visible Gasoline Pump and can be used with any underground storage tank system, as desired. It is operated by applying the air pressure through an automatic air valve to the auxiliary tank which is buried below the level of the main storage tank.

Equipment

Model F GASO is furnished complete with all mechanism from the ground up, including the hose, hose valve and unions for connecting installation piping at pump; also with check valves, for auxiliary tank that will conform to installation desired. Any lighting is extra.

Measurement

Quantity markers for gallons and half-gallons are placed inside on opposite sides of the bowl. Said markers are fit in such manner that they touch the glass. This insures accuracy of reading. The markers are also permanently set, tested and sealed in the factory and when once installed eliminate any after adjustment.

Dispensing

Gasoline is dispensed through the automatic self-closing hose nozzle, especially designed for this type of equipment. The rate of dispensing is approximately 10 gallons in 40 seconds.

Installation

The pump may be installed any reasonable distance from the storage tank. Installations are made in accordance with any of the four designs shown, or to meet any other requirements desired.

Operation

The air supply that operates the pump is held in readiness to serve by an automatic air valve. The pump is operated by a small lever which, pressed one way, will open the air supply and, the other will cut off the air supply as an emergency trip. The operating mechanism requires only a little oil now and then to keep it free. The bowl is drained at night by means of a positive, quick-opening valve which completely drains the 10 gallons in approximately 20 seconds.

Construction

Model F GASO is well constructed in every detail. All valves have removable disc seats. The skirt is fitted with a sliding door, through which to operate the air control valve. This door also provides for locking the hose and hose valve at night, which is a very attractive feature. The markers are made for each individual bowl in gallons and half-gallons and, permanently set in place and sealed, correct measurement is maintained as long as the pump is level. The cleaning of the inside of the bowl is accomplished by removing the specially fitted cap on the top, without disturbing the bowl proper in any manner. The screen outside the bowl is easily removed being in two halves. The bowl is absolutely vapor-tight.

Lighting

The pump may be fitted with either side or top lighting, with enclosed vapor-proof fittings, at additional cost of $12.00.

Weights and Dimensions

Model F GASO is 8 feet 6 inches high without lights; base diameter, 26 inches; hole in island for pipe 15 inches diameter. Is built special height upon application. Shipping weight, crated, approximately 460 pounds.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.

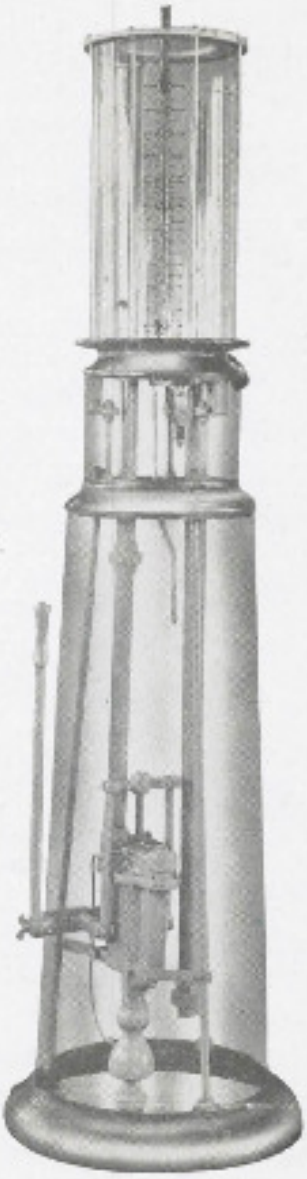
TRADE KEESEE MARK

Cut 106A
Model
F
GASO

Hand
Operated
Visible
Gasoline
Pump

Cut 106B

Is the
Same
Pump
With
Positive
Measure
Attachment



Keesee Manufacturing Co., Inc.

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Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

Seattle, Wash
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San Jose, Calif.
Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

KEESEE TRADE MARK

Cut 106A Model F GASO

Hand Operated Visible Gasoline Pump

Type and Capacity

Cut 106A, Model F GASO, is a hand operated 10-gallon Visible Unit, and can be installed on any underground storage tank on which a suction pump is used, or can be installed with any new hand pump installation. It is operated by means of a hand lever forward and backward motion, such as is used on this type of equipment.

Equipment

Cut 106A is furnished complete with all mechanism from the ground up, including wet or dry hose, unions for connecting to installation piping and also check valve at the base of the pump. It is fitted with double action plunger type piston pump that will raise 10 gallons into the bowl easily in 40 seconds. The pump requires no priming, has self closing valves, is easily operated and is locked at night by removing the handle therefrom. Any lighting extra.

Measurement

Quantity markers for gallons and half gallons are placed inside on opposite sides of the bowl. Said markers are fit in such manner that they touch the glass. This insures accurate reading. The markers or gallon indicators are made and calibrated for each bowl and permanently set, tested and sealed in the factory, and when once made and installed, any after adjustment is eliminated, if the pump remains level.

Dispensing

Gasoline is dispensed through the automatic self-closing hose nozzle, especially designed for this type of equipment. The rate of dispensing is approximately 10 gallons in 40 seconds.

Installation

The pump may be installed any reasonable distance from the storage tank. Installations are made in accordance with any of the four designs shown, or to meet any other requirement desired.

Operation

This pump is operated by a forward and backward movement of the lever, pumping gasoline into the bowl up to the overflow. When pumping is stopped the level of gasoline returns to the zero mark ready to be drawn out. The bowl is drained at night by means of a positive quick-opening valve which completely drains the 10 gallons in approximately 20 seconds. To open the drain valve, completely shut the door, and to shut the drain valve, completely open the door.

Construction

Cut 106A is well constructed in every detail. It is fitted with plunger type, double acting, hand operated piston pump. The piston is bronze with regular piston rings therein. There is no leather or rubber deteriorating parts used in this plunger type of pump. This pump requires no priming, is easily operated and is fitted with a clutch-like removable handle. Fitted with standard hose and hose valve; the skirt is fitted with sliding door, which provides for locking the hose and valve in at night, also for opening and closing the fire valve, the door being at the extreme top for opening and at the extreme bottom for closing. The gallon and half gallon indicators are made for each individual bowl, are permanently set and sealed in place. The bowl is cleaned by removing the canopy, care being taken not to disturb the markers, the canopy being replaced securely before again resuming operation. To clean the outside of the bowl, the screen is removable.

Lighting

The pump may be fitted with either side or top lighting with enclosed vapor-proof fittings at additional cost of $12.00.

Weights and Dimensions

Cut 106A is 8 feet 6 inches without lights, base diameter 26 inches, hole in island for pipe 15 inches in diameter. Shipping weight, crated, approximately 400 pounds.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance of each are the same.

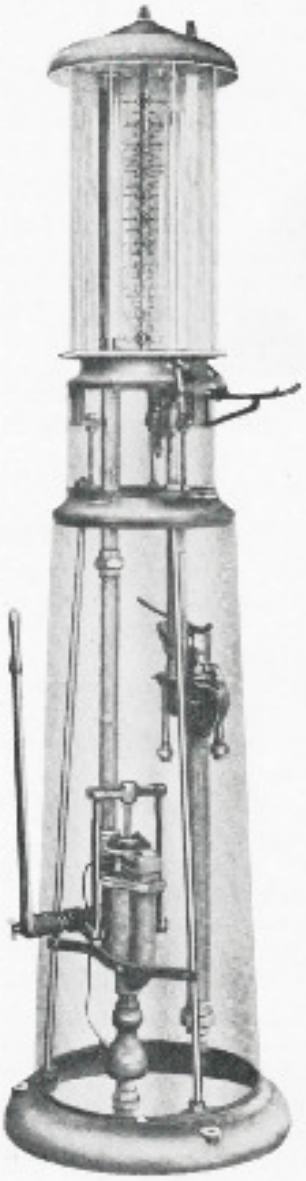
TRADE KEESEE MARK

Cut 107A
Model
F
GASO

Air and Hand Operated Pressure Type Visible Gasoline Dispenser

Cut 107B

Is the Same Pump With Positive Measure Attachment



Keesee Manufacturing Co., Inc.

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Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

Seattle, Wash	Bakersfield, Calif.
Medford, Ore.	Colton, Calif.
Oakland, Calif.	San Diego, Calif.
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Sacramento, Calif.	Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

KEESEE TRADE MARK

Cut 107A Model F GASO

Pressure Type—Hand and Air Operated—Visible Gasoline Pump

Type and Capacity

Cut 107 A & B Model F Gaso are combination hand and air operated 10 gallon visible Gasoline Pumps, and can be used with any underground storage system as desired, by either method of gravity or syphon auxiliary tank, which auxiliary is buried below the level of the main tank.

Equipment

Cut 107A is furnished complete with all mechanisms from the ground up, including hose, hose valves and unions for connecting installation pipings at pump, also with check valves for auxiliary tank, and furnished with auxiliary tank, if so ordered, either the gravity or syphon system, that will conform to the installation desired. Also equipped with double acting piston type plunger hand pump with self closing valves and detachable handle. Any lighting extra.

Measurement

Quantity markers for gallons and half-gallons are placed inside on opposite sides of the bowl. Said markers are fit in such manner that they touch the glass. This insures accuracy of reading. The markers are also permanently set, tested and sealed in the factory and when once installed eliminate any after adjustment.

Dispensing

Gasoline is dispensed through the automatic self-closing hose nozzle, especially designed for this type of equipment. The rate of dispensing is approximately 10 gallons in 40 seconds.

Installation

The pump may be installed any reasonable distance from the storage tank. Installations are made in accordance with any of the four designs shown, or to meet any other requirements desired.

Operation

The air supply that operates the pump is held in readiness to serve by an automatic air valve. The pump is operated by a small lever which, turned one way, will open the air supply, and turned the other, will cut off the air supply as an emergency trip. The operating mechanism requires only a little oil now and then to keep it free. The bowl is drained at night by means of a positive, quick opening valve which completely drains the 10 gallons in approximately 20 seconds. The hand pump is operated by means of pulling a clutch-like lever, and when operated full stroke, forward and backward, will fill the 10 gallon bowl in approximately 40 seconds.

Construction

Cut 107A, Model F, is well constructed in every detail. All valves have ground seats or removable discs. The skirt is fitted with a sliding door through which to operate the air control valves. This door also provides for locking the hose and hose valve at night. The markers are made for each individual bowl in gallons and one-half gallons, and are permanently set in place and sealed in the factory. Correct measurement is therefore maintained when the pump is installed level and remains that way. The hand pump attachment consists of a double acting piston type plunger pump. A regular bronze piston with rings is used and a cast iron galvanized cylinder, all perfectly machined. The valves are bronze and are self closing. There are no leather or rubber parts, or a couple of others, to deteriorate or wear out. The handle is fitted clutch-like and is removable after locking. The hand pump requires no priming, and no valves are to open and close when the air is used, as the hand pump is so constructed as to be eliminated automatically when the air is used. The gallon and one-half gallon markers, or indicators are made for each individual bowl permanently set and sealed. The cleaning of the inside of the bowl is accomplished by removing the canopy; care being taken not to disturb the indicators. When the bowl is cleaned, the canopy must be securely tightened to prevent leakage. The bowl screen is removable for cleaning the bowl. The bowl is absolutely vapor tight and must remain that way.

Hand Attachment

Cut 107A, Model F Gaso is completely furnished with hand pump as is so designated by the cut, which hand pump will easily fill the bowl in about 40 seconds, providing the pump may be fitted with either the side or top lighting with enclosed vapor-proof fittings at an additional cost of $12.00 or without vapor-proof fittings at an additional cost of $6.00.

Weights and Dimensions

Cut 107A, Model F Gaso is 8 ft. 6 in. high without lights; base diameter 26 inches; hole in island for pipe, 15 inches in diameter. Shipping weight, crated, approximately 480 pounds.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.

TRADE KEESEE MARK

Cut 108A
Model
F
GASO

Air and
Hand
Operated
Suction
Type
Visible
Gasoline
Pump

Keesee Manufacturing Co., Inc.

A California Corporation
Exclusive Builders Keesee Products
Visible Gasoline Pumps, Tanks, Oil Storage Systems
and Gasoline and Oil Meters

Location of Points of Distribution

Seattle, Wash.	Mears Equipment Co.	Colton, Calif.	259 West I St.
Portland, Ore.	403 Hoyt St.	San Diego, Calif.	925 Ninth St.
Oakland, Calif.	2309 Adeline St.	Santa Ana, Calif.	1246 S. Ross St.
Santa Maria, Calif.	712 N. Vine St.	Phoenix, Ariz.	31 E. Van Buren

FACTORY AND OFFICE:
2001 Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

KEESEE TRADE MARK

Cut 108A Model F GASO

Hand and Air Operated—Suction Type Visible Gasoline Pump

Type and Capacity

Cut 108A, Model F GASO, is a suction type, 10-gallon Visible Gasoline Pump, and can be used on any underground system where a hand suction pump has been used or on a new installation with plain tank and without auxiliary air pressure tank.

Equipment

Cut 108A GASO is furnished complete with all mechanism from the ground up, including complete pumping unit, with check valve and unions for connecting to any installation piping. Furnished with wet or dry hose. Any lighting, extra.

Measurement

Quantity markers for gallons and half gallons are placed inside on opposite sides of the bowl. Said markers are fit in such manner that they touch the glass. This insures accurate reading. The markers, or gallon indicators, are made and calibrated for each bowl and permanently set, tested and sealed in the factory, and when once installed, any after adjustment is eliminated, the pump remains level.

Dispensing

Gasoline is dispensed through the automatic self-closing hose nozzle, especially designed for this type of equipment. The rate of dispensing is approximately 10 gallons in 60 seconds.

Installation

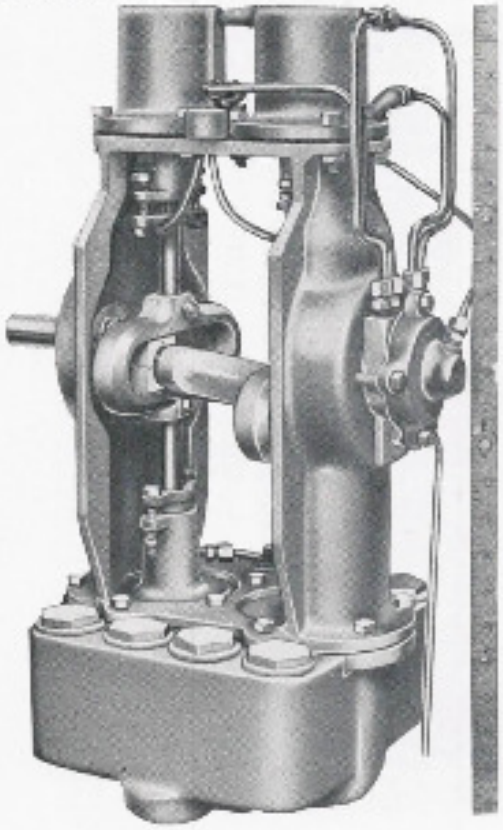
The pump may be installed any reasonable distance from the storage tank. Installations are made in accordance with any hand pump installation, or to meet any requirements desired.

Operation

The pump is operated by a small lever which, pressed one way, will open the air supply, and pressed the other, will cut off the air supply as an emergency trip. The operating mechanism requires only a little oil now and then to keep it free. The bowl is drained at night by means of a positive quick-opening valve which completely drains the 10 gallons in approximately 20 seconds. The air consumption is 7 to 10 pounds for 10 gallons of gasoline.

Construction

Cut 108A, Model F GASO, is a well constructed device in every detail. This model is fitted with a double acting twin cylinder piston type plunger pump, which pump is operated by a double acting piston type twin cylinder air engine, and is further fitted with a clutch-like hand lever attachment for emergency. The entire pumping unit is self contained, is positive in operation, is equipped with bronze piston and piston ring for the gasoline cylinder, with cast iron air cylinder, fitted with regular piston and piston rings. It is equipped with non-leakable air valve. The packages are spring loaded, all heavily constructed and well built mechanically. No rubber or leather to deteriorate is used. This unit is the first of its kind to be used in Visible pump equipment, and eliminates all underground mechanism, including the check valve, excepting straight pipe. The skirt is fitted with sliding door, through which to operate the air valve and oil the working mechanism of the pump. This door also provides for opening and closing the fire or drain back valve, and must be entirely open to close the valve and entirely closed to open the valve. This door also provides for locking the base in at night. The cleaning of the inside of the bowl is accomplished by removing the canopy, care being taken not to disturb the gallon indicators, the canopy to be replaced and pulled down to insure tightness. Is fitted with a removable screen, easily accessible for cleaning. The bowl is absolutely vapor right.



Lighting

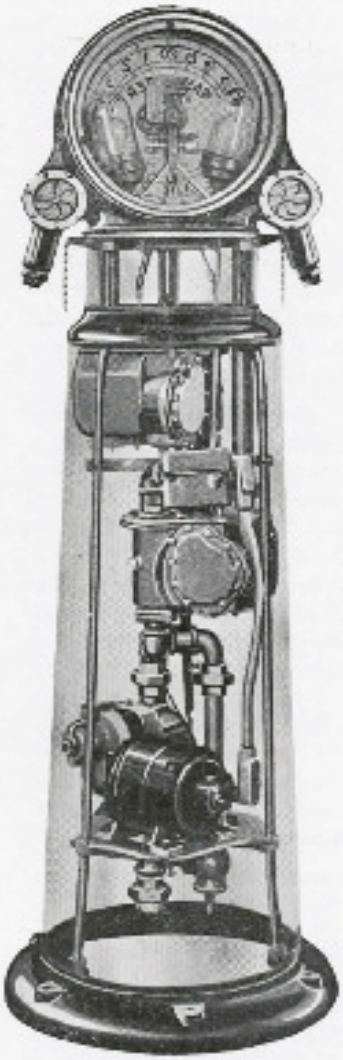
The pump may be fitted with either side or top lighting, with enclosed vapor-proof fittings, at additional cost of $12.00.

Weights and Dimensions

Cut 108A is 8 feet 2 inches high without lights; base diameter, 26 inches; hole in island for pipe 15 inches diameter. Shipping weight, crated, approximately 520 pounds.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance of each are the same.

TRADE KEESEE MARK



Cut 109

Cut 109

and

Cut 110

Gasometer

Vender

Double

Metered

Stand

Attractive

Efficient

Economical

Easy to Operate

Cut 110

Keesee Manufacturing Co., Inc.

A California Corporation

Exclusive Builders Keesee Products

Visible Gasoline Pumps, Tanks, Oil Storage Systems and Gasoline and Oil Meters

Cable Address KCMANCO

Location of Points of Distribution

Seattle, Wash.....Mears Equipment Co. Santa Maria, Calif.....330-A Thornbury
Portland, Ore.....402 Hoyt St. Colton, Calif.....259 West I St.
Oakland, Calif.....2309 Adeline St. San Diego, Calif.....923 Ninth St.
Fresno, Cal.....2126 Tuolumne St. Santa Ana, Calif.....1244 S. Ross St.
Phoenix, Ariz.....221 Luhrs Bldg.

FACTORY AND OFFICE:
2001 Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

KEESEE TRADE MARK

CUT 109 and CUT 110
Gasometer Vender Metered Stands

Type and Capacity

Cut 110 is a double-metered, double hose, double clock face outfit complete, operating through one single automatic continuous pumping unit.

It has a capacity of 20 to 24 gals. per minute through one hose and when both are operating at the same time the flow is 12 to 14 gals. per minute through each hose.

Cut 109 is the same unit with a single dial, one hose, one meter and the same pumping unit. This unit will deliver 20 to 24 gals. per minute, all other features are the same as Cut 110.

Equipment

Cut 110 is furnished complete as shown, ready to attach to any underground suction line, is furnished with combination strainer and check valve with unions at the base.

It is equipped with full automatic motor control hose valves, directly connected to the automatic oil switch that operates the motor.

Measurement

Gasoline is measured as it flows into the automobile, through the perfect displacement meter as installed in this Vender. Quantity is indicated by the hands on the clock face dial. The daily total is read through the continuous counter and the flow is visible through the protectoscope as shown. Any quantity might be served as desired.

Dispensing

Gasoline is dispensed through the automatic operating valve at the end of the hose. The rate for the single hose is 20 to 24 gals. per minute; double hose, 12 to 14 gals. per minute.

Installation

Cut 110 can be installed on any suction line, not less than 1½ inch pipe. It needs no overflow.

Operation

Cut 110 is operated through an automatic control valve from the end of each hose which operates the automatic oil switch installed in the housing of the Vender. This is done by pressing the regular handle for the outlet of gasoline on the hose valve which operates the motor at the same time. This makes the operation very simple and it is easy to control. When the valve is released the pumping mechanism shuts off automatically.

Construction

Cut 110 is constructed in the same manner as all Keesee Equipment, the housing being interchangeable with a Keesee Visible Pump. It is equipped with motor driven pumping unit, two piston displacement meters with double faced clock dial.

The clock face is 16" diam., numbered as shown, with two vapor-proof lights inclosed for lighting at night. Each clock face has a clear glass for protection on the outside and the numbers are placed on frosted glass back of the hands. The facing is finished in polished nickel or aluminum, the clock head proper is finished in black and the body in red as shown. The protectoscopes are fitted with paddle wheel that at all times indicate gasoline flowing through the hose. The meters installed in this equipment are designed and manufactured by the Keesee Manufacturing Company exclusively. They have been thoroughly inspected by the Weights and Measures Department of the State of California and have the full approval and seal of that department and are guaranteed to be practically 100% accurate for this kind of service.

The meters and clock mechanism are of sturdy construction and the life of same will be indefinite.

In case the meter becomes worn after long continuous service it is designed so that by grinding in the valve and renewing the piston and other small parts it can be made the same as new at a very small expense. The meter is ball bearing equipped throughout and is practically frictionless.

Weights and Dimensions

Cut 110 is 7 feet high, base diameter 26 inches and weighs 550 pounds crated, ready for shipment.

Cut 109 is 7 feet high, base diameter 26 inches, and weighs 450 pounds crated, ready for shipment.

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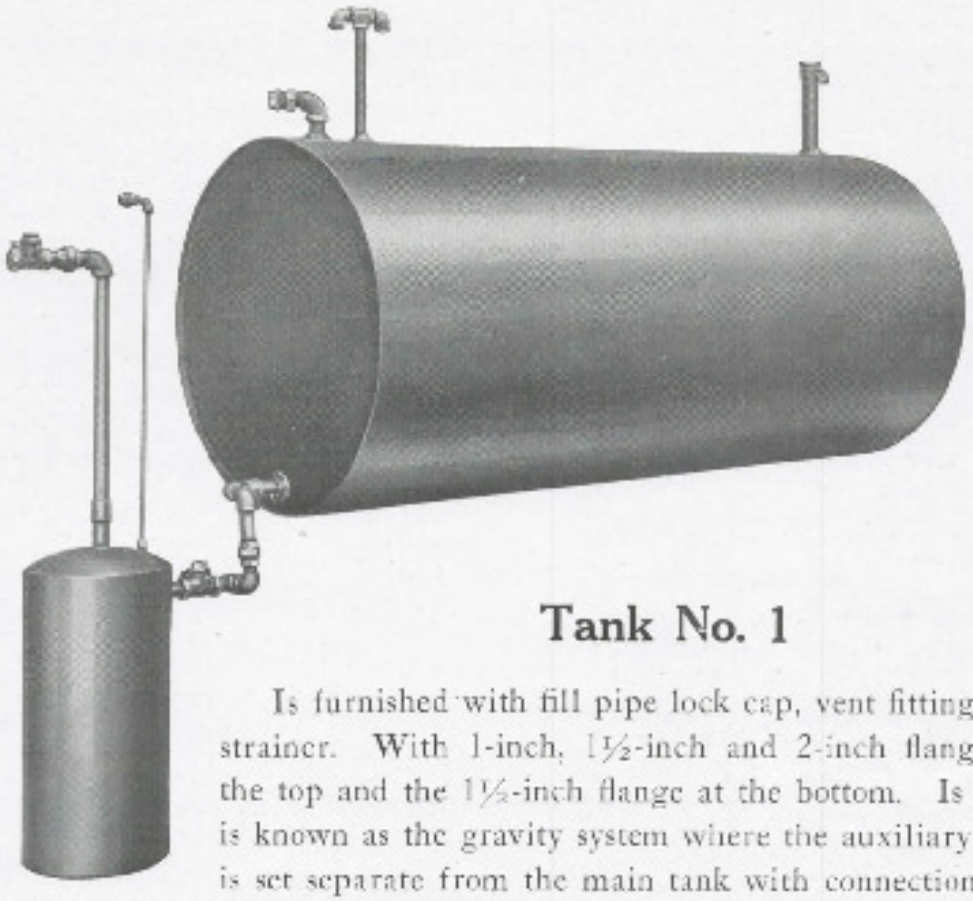
TRADE KEESEE MARK



Tank No. 1

Is furnished with fill pipe lock cap, vent fitting, and strainer. With 1-inch, 1½-inch and 2-inch flanges in the top and the 1½-inch flange at the bottom. Is what is known as the gravity system where the auxiliary tank is set separate from the main tank with connections between. Connections between and the auxiliary tank are usually furnished with the pump. Details are on Installation Tank No. 1, this catalogue.

Tank No. 2—Syphon System

The syphon tank is used in connection with installation chart Installation No. 2. Said tank is furnished with 4-foot fill pipe lock cap and vent fitting, one 1-inch, one 1¼-inch and one 2-inch flange; also the gasoline suction pipe and screen extending to the bottom. For details see Syphon Installation.

Keesee Manufacturing Co., Inc.

A California Corporation

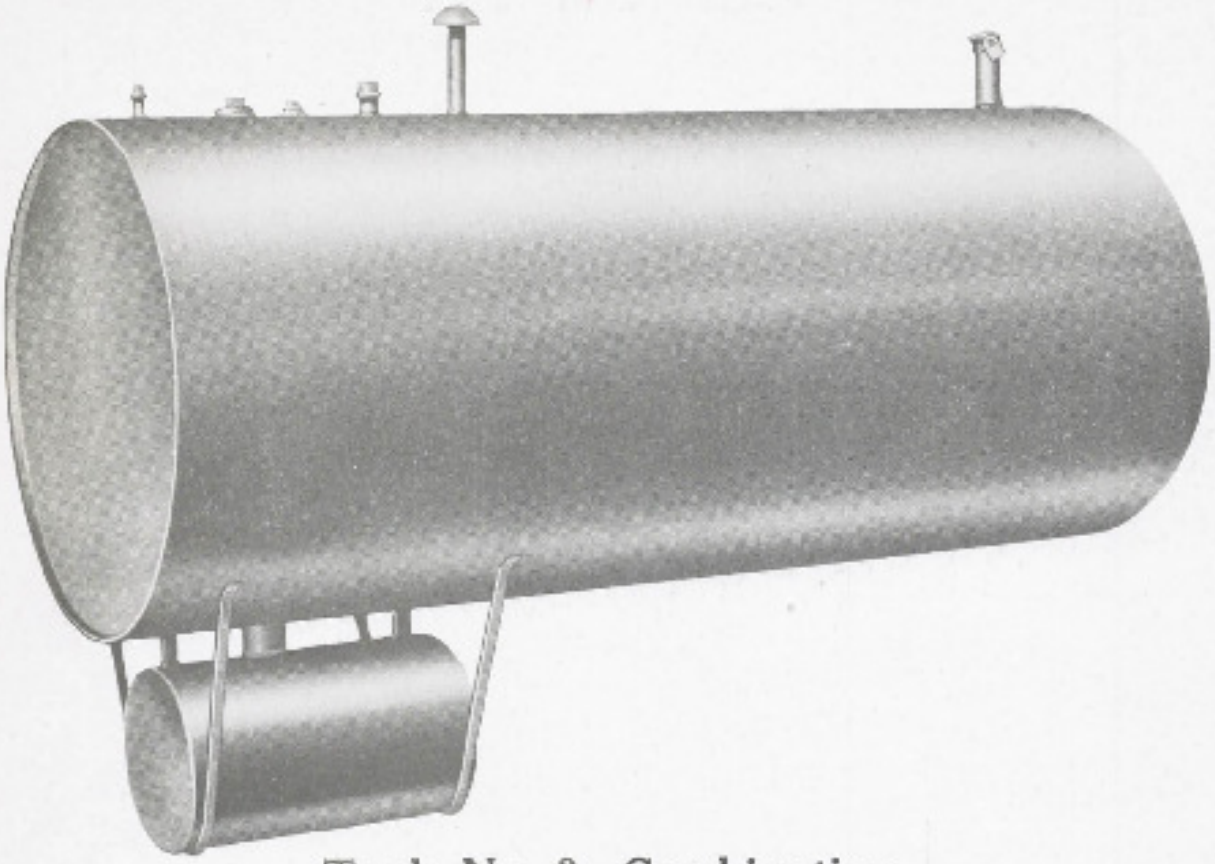
Exclusive Builders of Keesee Products

Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

Seattle, Wash.
Medford, Ore.
Oakland, Calif.
Fresno, Calif.
Santa Maria, Calif.
Sacramento, Calif.
Bakersfield, Calif.
Colton, Calif.
San Diego, Calif.
Phoenix, Ariz.
San Jose, Calif.
Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442



Tank No. 3—Combination

The combination tank is fitted with fill pipe lock and cap with vent fitting. One 1-inch flange, one 1½-inch flange, one 2½-inch flange, one ⅜-inch pipe connection and one 1¼-inch pipe connection.

The 2½-inch flange is capped to provide for removing the check valve which is screwed into a 2-inch flange between the tanks. The main storage tank and high pressure tank are built separate and are welded together by the pipes and flanges and secured by the straps as shown; are heavy galvanized, tested under working conditions before leaving the plant.

The check valve between the two tanks is solid brass, perfectly machined, and when properly installed will last indefinitely. Its principle of working is similar to all other swing check valves.

Combination tank detail installation is applicable to any installation desired with air operated pump.

Tank No. 4—For Hand Pump

Tank Number 4 is fitted with one 1-inch flange, one 1½-inch flange, one 2-inch flange; is furnished with fill pipe, lock cap, vent fittings, suction pipe and strainer. Tank Number 4 can be used on any pump installation of the suction type. Foot valve and check valve are not furnished with the tank.

It is used in connection with detailed installation as shown, or any other installation where the suction pump is used.

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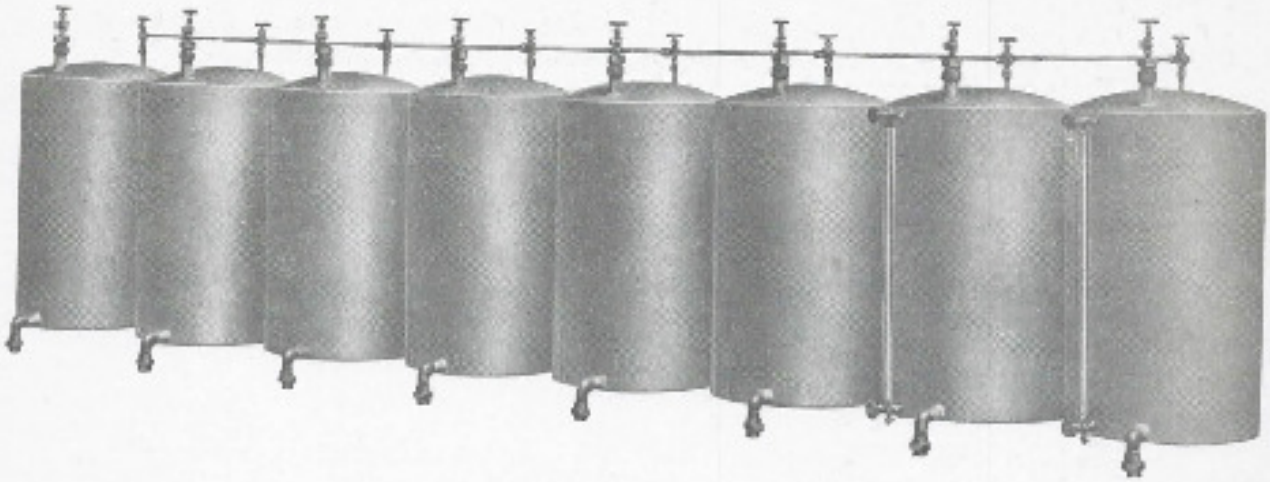
TRADE KEESEE MARK

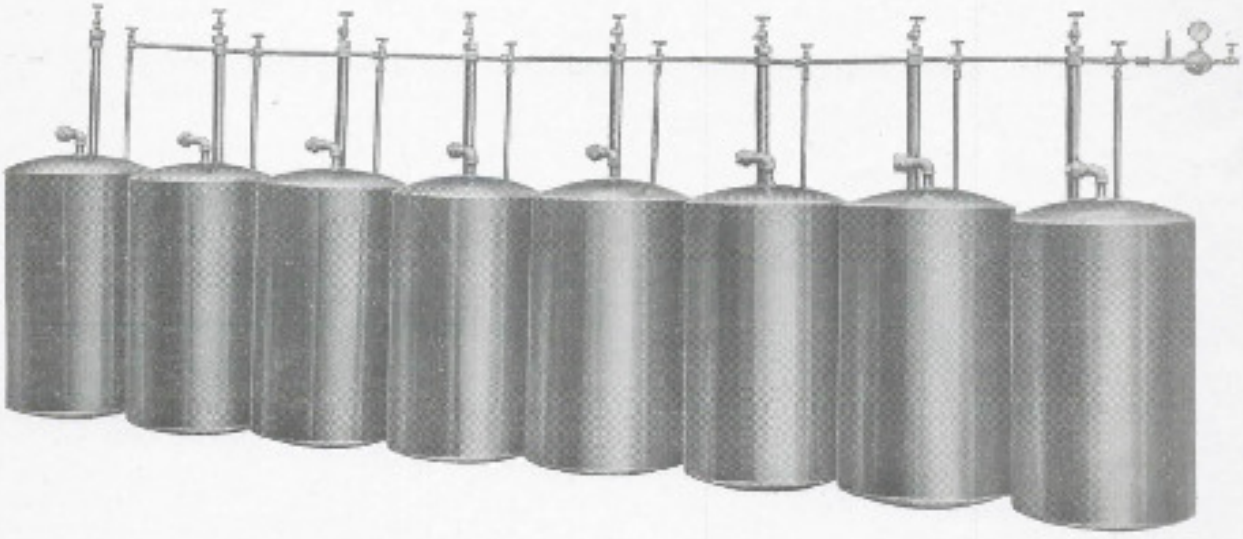
KEESEE SUPER WELDED SURFACE OIL STORAGE SYSTEM

8 60-Gallon Tanks



KEESEE SUPER WELDED UNDERGROUND OIL STORAGE SYSTEM

8 64-Gallon Tanks



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Exclusive Builders Keesee Products

Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

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Sacramento, Calif.
Bakersfield, Calif.
Colton, Calif.
San Diego, Calif.
Phoenix, Ariz.
San Jose, Calif.
Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

Surface Oil Storage System

Type and Capacity

The surface tanks are furnished with either the KEESEE Model C or D Dispensers for installations, where it is desired to keep tanks above surface.

The capacity is 60 gallons each, net.

Equipment

With the surface set is furnished fill pipe and special patented air tight fill cap with bleeder valve and control valve.

These tanks are made of heavy galvanized steel, tested at fifty pounds hydrostatic pressure. Are furnished with the fittings connecting the air lines together, excepting the ¾-inch piping. Are furnished with nipple at the bottom for connecting on unions for installation piping, but installation fittings are not furnished with the tanks. Air gauge pop and reducing valve are furnished as regular equipment with each set of eight tanks.

They are usually shipped in the galvanized color. That is, without paint.

Weights and Dimensions

The surface tanks are 22½ inches in diameter and 36 inches long and weighing 720 pounds crated ready for shipment.

Underground Oil Storage System

Type and Capacity

The underground tanks are designed to be buried at least 18 inches under the surface and are of 64-gallon capacity net.

Equipment

With the underground storage tanks are furnished flanges for connecting pipe to tanks for installation piping, but no unions and connections.

They are furnished with special air tight lock cap, bleeder valve and air valve pipes extend to the ground level welded in the tank. Are heavy galvanized steel tested to 50 pounds pressure.

Are regularly furnished with gauge relief valve, reducing valve and a standard calibrating stick for measuring the oils in each tank.

Any tank in either the underground or surface set can be shut off and filled after bleeding the air therefrom without disturbing any other tank.

Weights and Dimensions

Underground tanks are 22½ inches diameter, and 36 inches long. Weight, 760 pounds crated ready for shipment and are installed as shown.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.

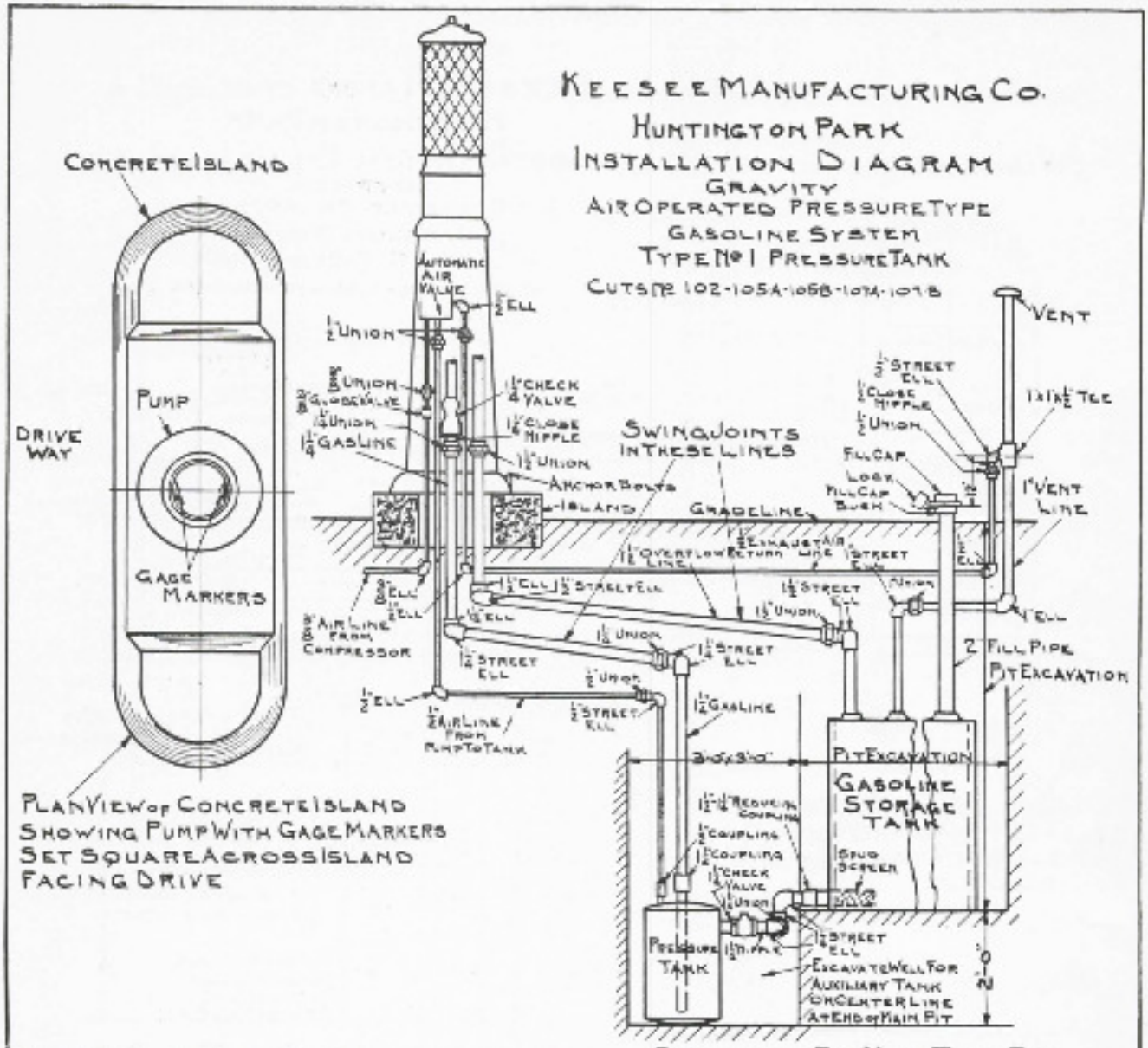
KEESEE MANUFACTURING CO.

HUNTINGTON PARK

INSTALLATION DIAGRAM

GRAVITY
AIR OPERATED PRESSURE TYPE
GASOLINE SYSTEM
TYPE No. 1 PRESSURE TANK

CUTS No. 102-105A-106B-107A-107B



PLAN VIEW OF CONCRETE ISLAND
SHOWING PUMP WITH GAGE MARKERS
SET SQUARE ACROSS ISLAND
FACING DRIVE

EXCAVATION FOR MAIN TANK PIT
8'-0" DEEP 9'-0" LONG 4'-6" WIDE FOR 550 GAL. TANK
8'-6" " 13'-0" " 5'-0" " " 1000 " "

BILL OF MATERIAL FOR INSTALLATION

	UNIONS		ELBOWS		STREET ELLS		CLOSE NIPPLES
1	1 1/2"	1	1 1/2"	3	1 1/2"	–	1 1/2"
1	1 1/4"	1	1 1/4"	3	1 1/4"	–	1 1/4"
1	1"	1	1"	1	1"	–	1"
2	1/2"	3	1/2"	2	1/2"	1	1/2"
1	3/8"	1	3/8"	–	3/8"	–	3/8"

	MISCELLANEOUS
1	1" x 1" x 1/2" TEE
1	3/8" x 3/8" x 3/8" TEE
1	3/8" GLOBE VALVE

PIPING
1 1/2" PIPE
1 1/4" PIPE
1" PIPE
1/2" PIPE
3/8" PIPE

NOTE

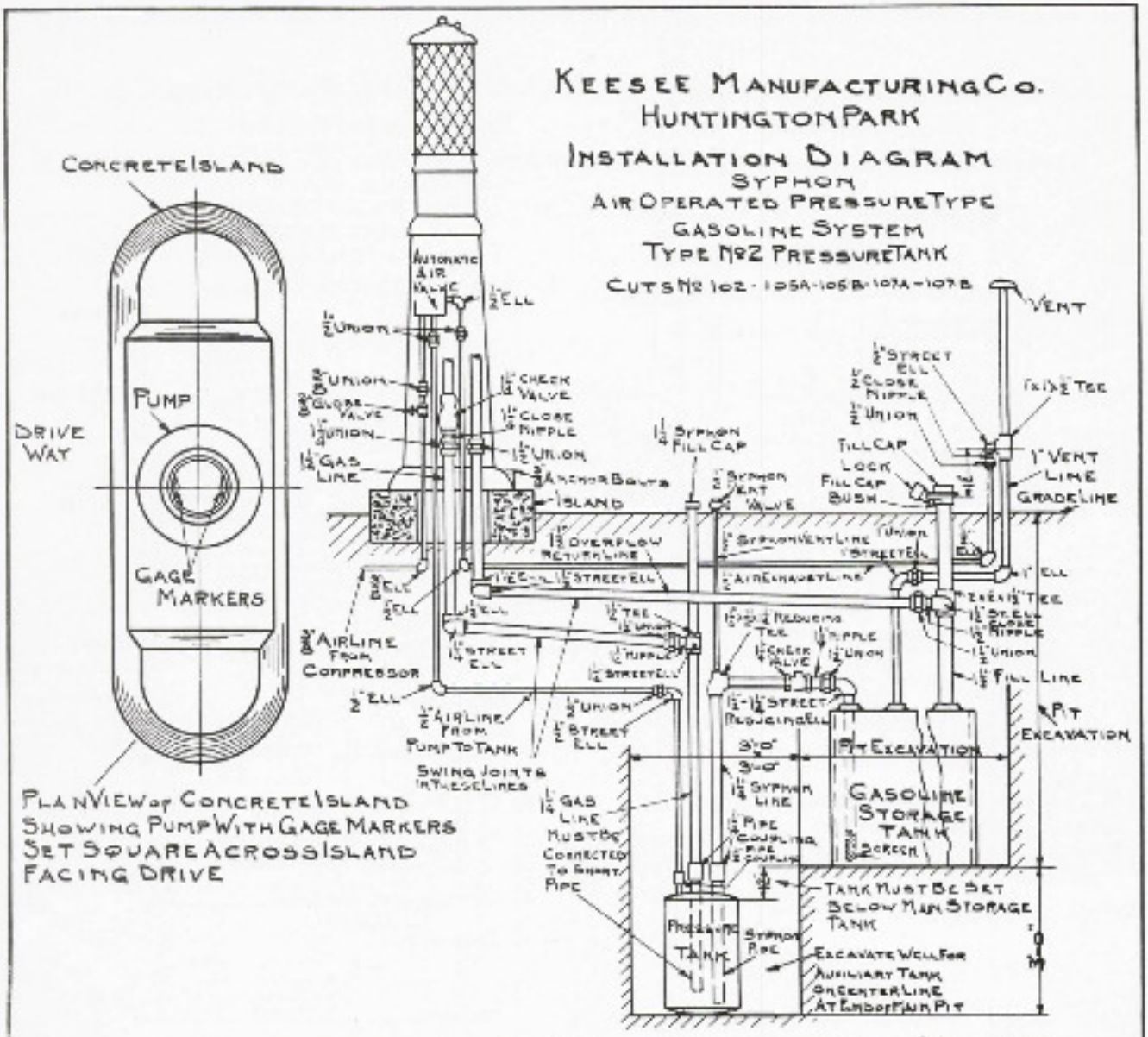
ALL HORIZONTAL LINES TO BE 18" BELOW SURFACE AND SLOPE 1/4" PER FOOT TOWARD TANK

ALL PIPES AND FITTINGS HOT GALVANIZED

PUMP TO BE SET LEVEL WITH GAGE MARKERS FACING DRIVE AS SHOWN IN DIAGRAM AND CHECKED AT INTERVALS TO INSURE MAINTAINANCE OF CORRECT LEVEL

KEESEE MANUFACTURING CO.
HUNTINGTON PARK
INSTALLATION DIAGRAM
SYPHON
AIR OPERATED PRESSURE TYPE
GASOLINE SYSTEM
TYPE No 2 PRESSURE TANK

CUTS No 102 - 105A-105B-107A-107B



PLAN VIEW of CONCRETE ISLAND
SHOWING PUMP WITH GAGE MARKERS
SET SQUARE ACROSS ISLAND
FACING DRIVE

EXCAVATION FOR MAIN TANK PIT
8'-0" DEEP 9'-0" LONG 6'-6" WIDE FOR 550 GAL. TANK
8'-6" " 13'-0" " 5'-0" " " 1000 " "

BILL OF MATERIAL for INSTALLATION

	UNIONS		ELBOWS		STREET ELLS		CLOSE NIPPLES
1	1½"	1	1½"	2	1½"	1	1½"
2	1¼"	1	1¼"	2	1¼"	2	1¼"
1	1"	1	1"	1	1"	—	1"
2	½"	3	½"	2	½"	1	½"
1	3/8"	1	3/8"	—	3/8"	—	3/8"

	MISCELLANEOUS
1	1¼" x ½" x ¼" REDUCING TEE
1	2" x 2" x 1½" TEE
1	1¼" x 1¼" x 1¼" TEE
1	1" x 1" x ½" TEE
1	1½" x 1¼" REDUCING STREET ELL
1	3/8" x 3/8" x 3/8" TEE
1	3/8" GLOBE VALVE
1	½" GLOBE VALVE
	PIPING
	1½" PIPE
	1¼" PIPE
	1" PIPE
	½" PIPE
	3/8" PIPE

NOTE

ALL HORIZONTAL LINES TO BE 18" BELOW SURFACE AND SLOPE ¼ PER FOOT TOWARD TANK

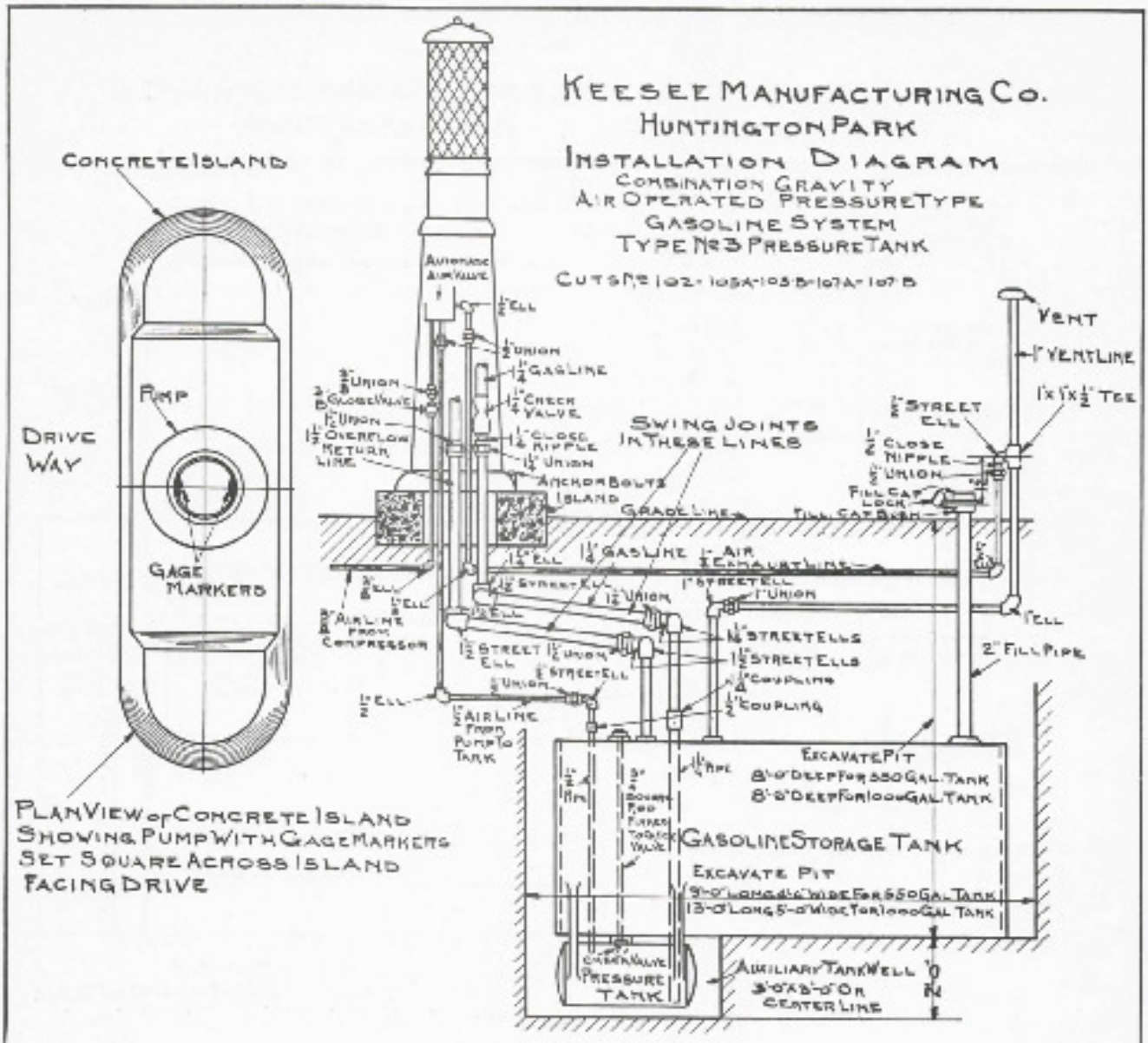
ALL PIPES AND FITTINGS HOT GALVANIZED

PUMP TO BE SET LEVEL WITH GAGE MARKERS FACING DRIVE AS SHOWN IN DIAGRAM AND CHECKED AT INTERVALS TO INSURE MAINTAINANCE OF CORRECT LEVEL

TO START SYPHON OPEN SYPHON VENT VALVE REMOVE SYPHON FILL CAP POUR IN 20 GAL. GASOLINE AND REPLACE CAP SECURELY HOLD AIR VALVE OPEN SAME AS FOR FILLING BOWL UNTIL GASOLINE BLOWS OUT OF VENT VALVE CLOSE BOTH VALVES IMMEDIATELY. PUMP CAN BE OPERATED WITHIN 5 MINUTES

KEESEE MANUFACTURING CO.
HUNTINGTON PARK
INSTALLATION DIAGRAM
COMBINATION GRAVITY
AIR OPERATED PRESSURE TYPE
GASOLINE SYSTEM
TYPE No 3 PRESSURE TANK

CUTS No's 102-103A-103B-107A-107B



PLAN VIEW of CONCRETE ISLAND
SHOWING PUMP WITH GAGE MARKERS
SET SQUARE ACROSS ISLAND
FACING DRIVE

BILL of MATERIAL for INSTALLATION

	UNIONS		ELBOWS		STREET ELLS		CLOSE NIPPLES
1	1 1/2"	1	1 1/2"	3	1 1/2"	-	1 1/2"
1	1 1/4"	1	1 1/4"	3	1 1/4"	-	1 1/4"
1	1	1	1"	1	1"	-	1"
2	1/2"	3	1/2"	2	1/2"	1	1/2"
1	3/8"	1	3/8	-	3/8"	-	3/8"

MISCELLANEOUS
1 1"X1"X1/2" TEE
1 3/8"x3/8"x3/8" TEE
1 3/8 GLOBE VALVE

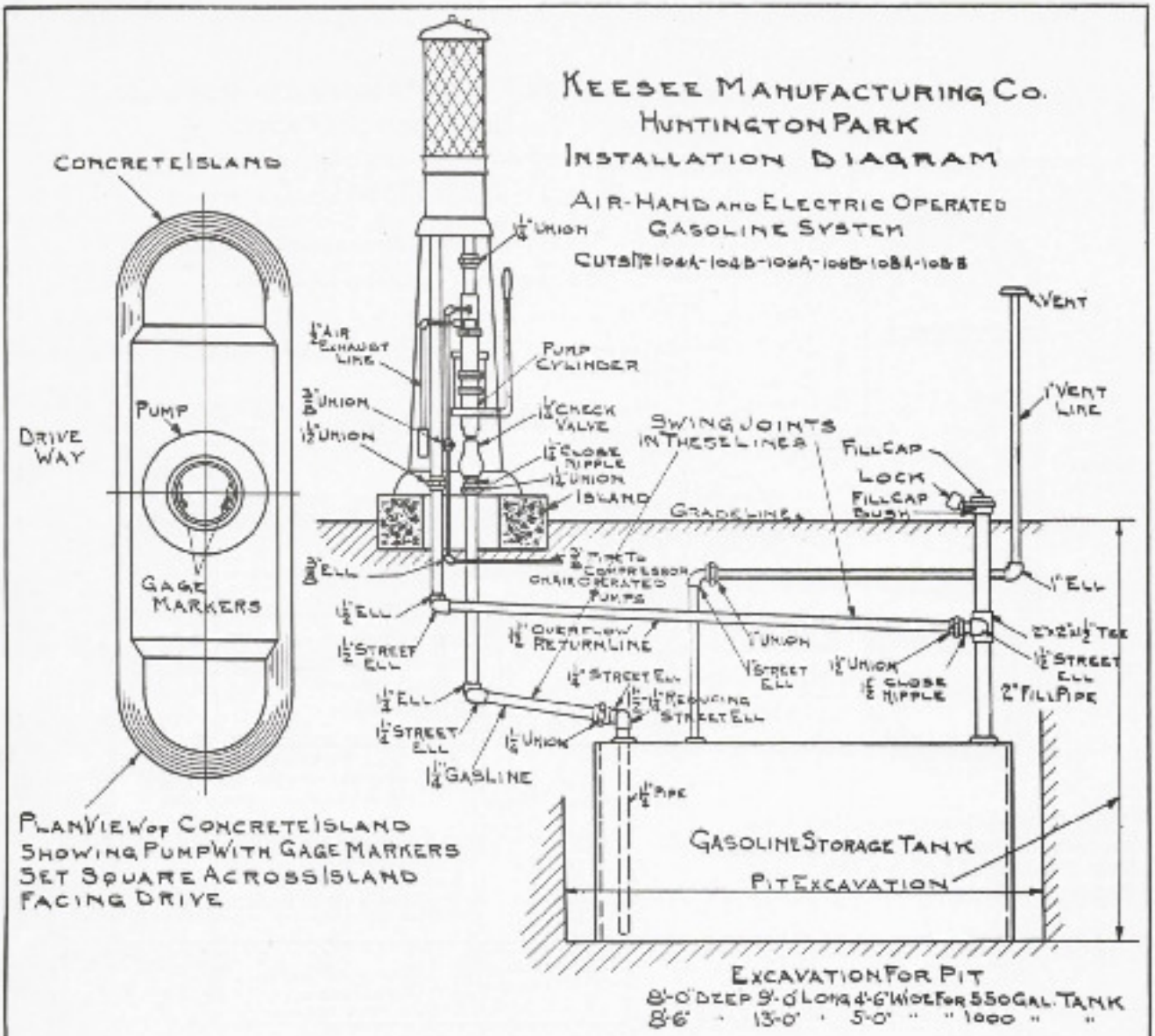
PIPING
1 1/2" PIPE
1 1/4" PIPE
1" PIPE
1/2" PIPE
3/8" PIPE

NOTE
ALL HORIZONTAL LINES TO BE 18" BELOW SURFACE AND SLOPE 1/4" PER FOOT TOWARD TANK
ALL PIPES AND FITTINGS HOT GALVANIZED
PUMP TO BE SET LEVEL WITH GAGE MARKERS FACING DRIVE AS SHOWN IN DIAGRAM AND CHECKED AT INTERVALS TO INSURE MAINTAINANCE OF CORRECT LEVEL

KEESEE MANUFACTURING CO.
HUNTINGTON PARK
INSTALLATION DIAGRAM

AIR-HAND AND ELECTRIC OPERATED GASOLINE SYSTEM

CUTS Nos 104A-104B-105A-105B-108A-108B



PLAN VIEW OF CONCRETE ISLAND SHOWING PUMP WITH GAGE MARKERS SET SQUARE ACROSS ISLAND FACING DRIVE

EXCAVATION FOR PIT

8'-0" DEEP 9'-0" LONG 4'-6" WIDE FOR 550 GAL. TANK
8'-6" " 13'-0" " 5'-0" " " 1000 " " "

BILL OF MATERIAL FOR INSTALLATION

	UNIONS		ELBOWS		STREET ELLS		CLOSE NIPPLES
1	1 1/2"	1	1 1/2"	2	1 1/2"	1	1 1/2"
1	1 1/4"	2	1 1/4"	2	1 1/4"	—	1 1/4"
1	1"	1	1"	1	1"	—	1"
—	1/2"	—	1/2"	—	1/2"	—	1/2"
1	3/8"	1	3/8"	—	3/8"	—	3/8"

	MISCELLANEOUS
1	3/8" x 3/8" x 3/8" TEE
1	2" x 2" x 1 1/2" TEE
1	1 1/2" x 1 1/4" REDUCING STREET ELL
1	3/8" GLOBE VALVE

	PIPING
	1 1/2" PIPE
	1 1/4" PIPE
	1" PIPE
	1/2" PIPE
	3/8" PIPE

NOTE

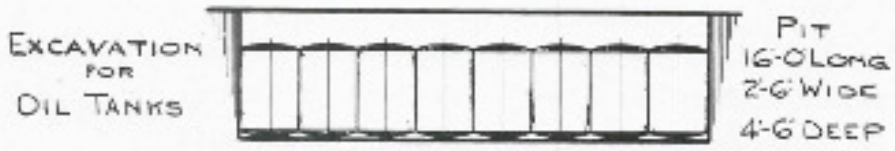
ALL HORIZONTAL LINES TO BE 18" BELOW SURFACE AND SLOPE 1/4" PER FOOT TOWARD TANK

ALL PIPES AND FITTINGS HOT GALVANIZED

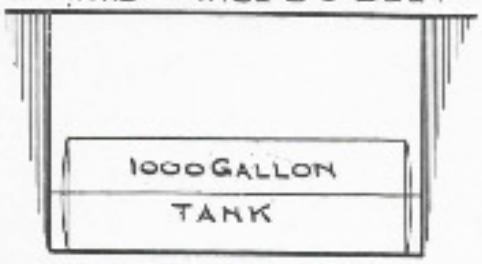
PUMP TO BE SET LEVEL WITH GAGE MARKERS FACING DRIVE AS SHOWN IN DIAGRAM AND CHECKED AT INTERVALS TO INSURE MAINTAINANCE OF CORRECT LEVEL

KEESEE MANUFACTURING CO.
HUNTINGTON PARK

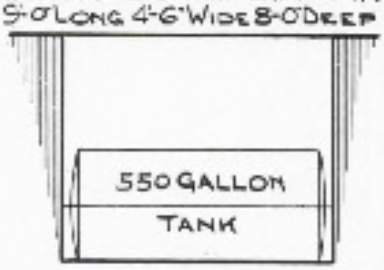
EXCAVATION DIAGRAMS



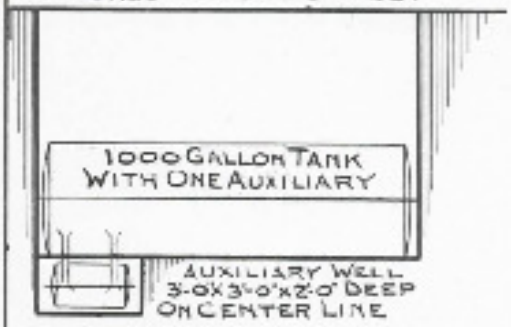
EXCAVATION FOR PLAIN TANK
13'-0" LONG 5'-0" WIDE 8'-0" DEEP



EXCAVATION FOR PLAIN TANK
9'-0" LONG 4'-6" WIDE 8'-0" DEEP

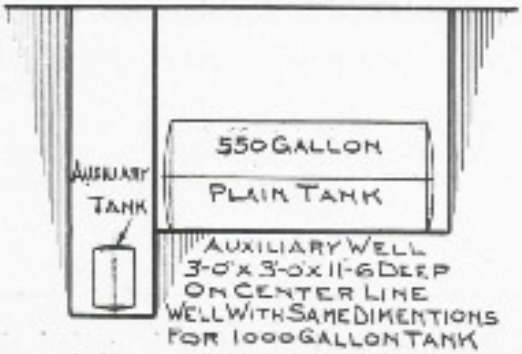


EXCAVATION FOR COMBINATION TANK
13'-0" LONG 5'-0" WIDE 8'-0" DEEP

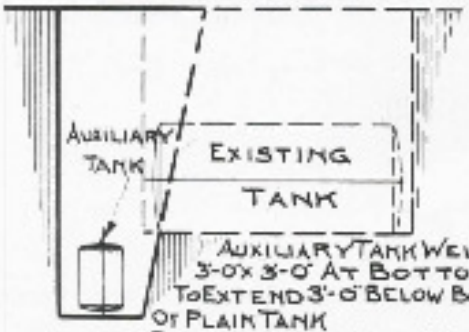


EXCAVATION FOR COMBINATION TANK
9'-0" LONG 4'-6" WIDE 8'-0" DEEP

EXCAVATION FOR GRAVITY OR SYPHON SYSTEM
9'-0" LONG 4'-6" WIDE 8'-0" DEEP WITH WELL AT END



EXCAVATION FOR GRAVITY OR SYPHON SYSTEM
WHERE PLAIN TANK IS ALREADY LOCATED



EXCAVATION

When tank number 1 or 2 is used, any size excavation according to dimensions as shown is satisfactory.

When tank number 3 or 4 is used the extra excavation for the auxiliary tank is eliminated other than a small hole at the bottom of the main tank for the auxiliary tank, as shown in tank number 3.

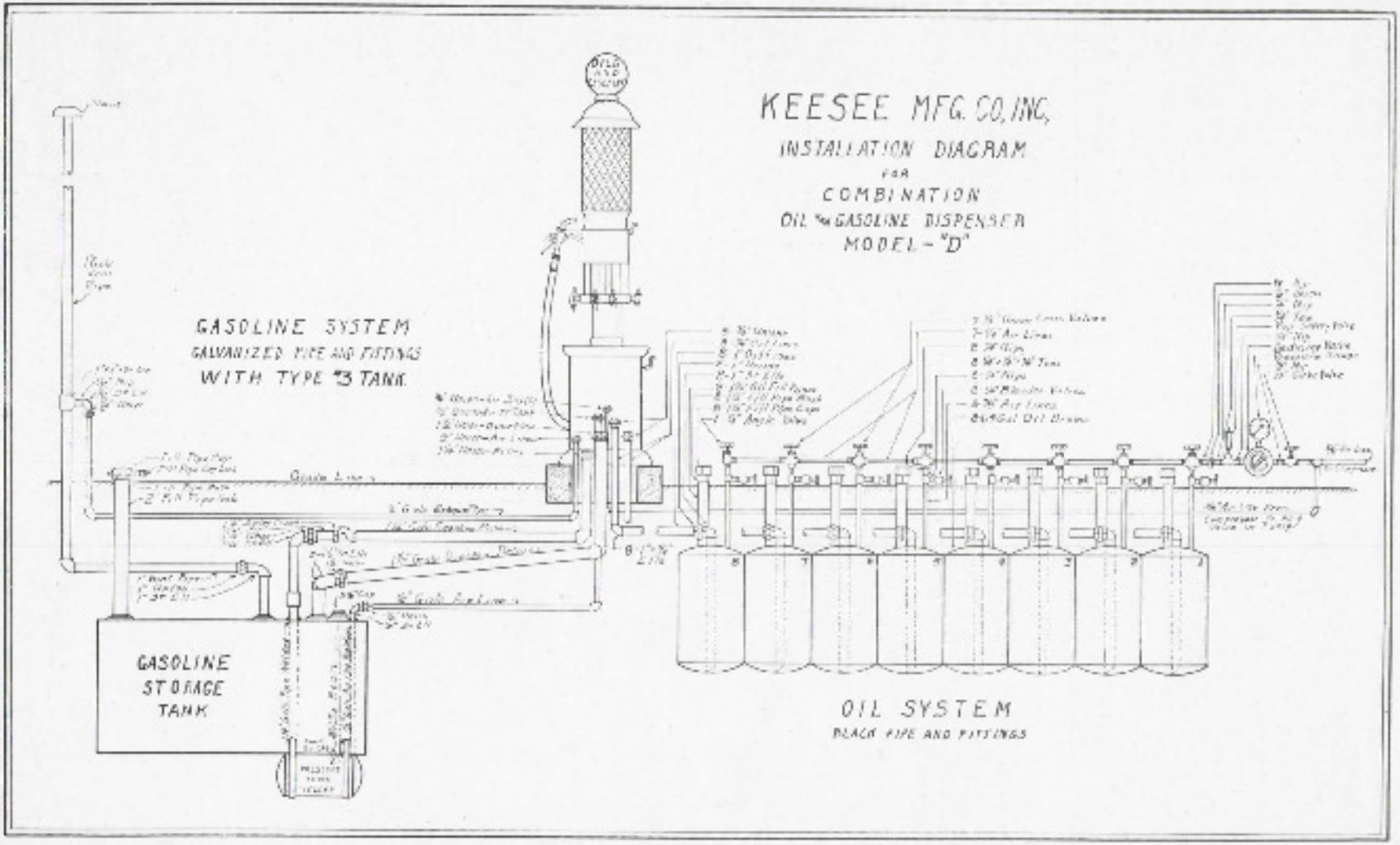
In most cities the top of the tank clears the ground surface four feet.

In the country 24-inch or 36-inch clearance is sufficient.

SIDE LIGHTING ATTACHMENT

This attachment consists of goose necks fitted with double vapor-proof globes and is easily attached to any model of pump at an extra charge of $12.00.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.



INSTALLATION OF COMBINATION PUMP WITH COMBINATION TANK

The above installation shows a complete detail of a combination pump installed with eight 64-gallon underground storage tanks and the combination storage and pressure gasoline tank.

This installation is also applicable to Model C, where nothing but oil storage system is used, eliminating the gasoline portion.

The combination pump, Model D, is also installed, using tanks Numbers 1, 2, 3 and 4, as desired; also using any oil storage system as desired. Also, all models of gasoline pumps can be installed with the combination storage tank, which is highly recommended and eliminates considerable piping.

All pipe and fittings, excepting those furnished with pump and tank, are directly chargeable to the installation.

KEESEE TRADE MARK

GOLLOBER
SERVICE

SHELL COMPANY
SHELL CO.

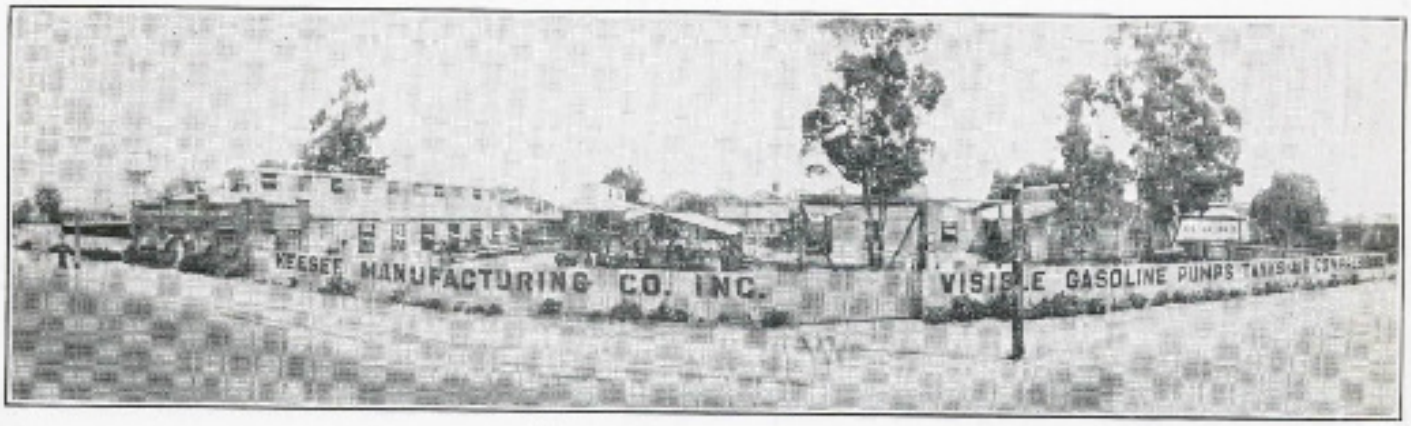
PAN-GAS
PAN-AM
B-D SERVICE

UNION OIL COMPANY
UNION GASOLINE

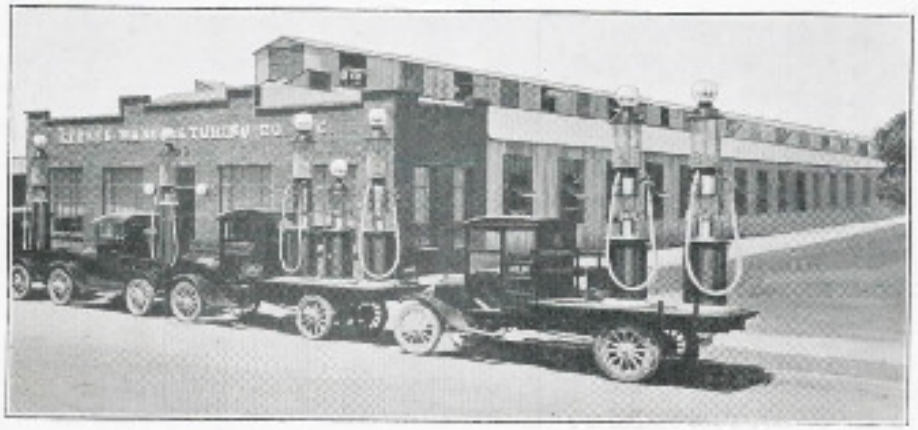
TRADE KEESEE MARK

MAIN FACTORY

Showing the exterior of the plant in December, 1923, and the general plant and yard as it appears December, 1926, of Keesee Manufacturing Company, Inc.



Keesee Plant, December 1926



Keesee Plant, December 1923

The building and the yard as shown in photograph, 1926, comprise the entire plant of the Company, comprising of 50,750 sq. ft. of space, on which is located machine shop, erection shop, paint shop, general stock room, offices, tank works, foundry, sheet metal shop and yard for supplies and installation trucks and equipment.

The above is compared to the plant of 1923, which consisted of only one building and yard, covering 14,500 sq. ft. of space.

Keesee equipment is built complete in the one plant, and not assembled only, which enables prompt deliveries, quick service and superior equipment.

Keesee Manufacturing Co., Inc.

A California Corporation

Exclusive Builders Keesee Products

Visible Gasoline Pumps, Tanks, Oil Storage Systems

Location of Points of Distribution

Seattle, Wash
Medford, Ore.
Oakland, Calif.
Fresno, Calif.
Santa Maria, Calif.
Sacramento, Calif.
Bakersfield, Calif.
Colton, Calif.
San Diego, Calif.
Phoenix, Ariz.
San Jose, Calif.
Santa Ana, Calif.

FACTORY AND OFFICE
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

Interior of Main Factory

Pump Assembly Room

Our pumps are assembled from the ground up, passed from one department to the other, where the various parts are applied. Are finished in the paint shop, tested with gasoline under working conditions and are crated ready to ship. There is no limit to this output.

All models of Keesee Equipment are manufactured in what is called the progressive type, that is, the parts of each model are interchangeable with the other. Outward appearance always remaining the same.

KEESEE MANUFACTURING CO., INC.

(Old No. 723 West Belgrave Avenue)
New No. 2001 Belgrave Avenue
Huntington Park, California

RETAIL PRICE BULLETIN

EFFECTIVE APRIL 10, 1928, FOR PACIFIC COAST STATES

Cancelling All Previous Prices and Discounts Issued and Subject to Change Without Notice

WHEN ORDERING SPECIFY DETAILS, AS FOLLOWS:

		NET CASH PRICES		
		LIST PRICE	List Less 30% (LOS ANGELES & OAKLAND)	List Less 27½% (SAN DIEGO, PHOENIX, ARIZ., OREGON & WASHINGTON)
Cut 100	Model "H"—1 Gal. Hand Pump, with Hose and Foot Valve	$ 64.00	$ 44.80	$ 46.40
" 101A	" "C"—8 Unit OILO Fountain only, completely lighted	268.00	187.60	194.30
" 101B	" "C"—8 Unit OILO with 8-64 gal. underground tanks and lights	544.00	380.80	394.40
" 101C	" "C"—8 Unit OILO with 8-60 gal. surface tanks and lights	544.00	380.80	394.40
" 101D	" "C"—8 Unit OILO with 8-60 gal. surface tanks, glass gauges and lights	572.00	400.40	414.70
Cut 102A	Model "D"—8 Unit COMBO Fountain only, completely lighted	492.00	344.40	356.70
" 102B	" "D"—8 Unit COMBO with 8-64 gal. underground tanks and lights	768.00	537.60	556.80
" 102C	" "D"—8 Unit COMBO with 8-60 gal. surface tanks and lights	768.00	537.60	556.80
" 102D	" "D"—8 Unit COMBO with 8-60 gal. surface tanks, glass gauges and lights	796.00	557.20	577.10
8 OIL TANKS only for Models C and D, surface or underground, no glass gauges		276.00	193.20	200.10
Cut 104A	Model "F"—GASO Electric Operated, Underwriters visible pump	418.00	292.60	303.05
" 105A	" "F"—GASO Air Operated (Pressure type), visible pump	260.00	182.00	188.50
" 106A	" "F"—GASO Hand Operated, visible pump	220.00	154.00	159.60
" 107A	" "F"—GASO Air and Hand Operated (Pressure type), visible pump	284.00	198.80	205.90
" 108A	" "F"—GASO Air and Hand Operated (Suction type), visible pump	316.00	221.20	232.00
AUXILIARY TANK FOR CUTS 102, 105 AND 107 WHERE PUMP IS SOLD ONLY AND COMBINATION TANK NOT FURNISHED		17.00	11.90	12.32
HAND PUMP ATTACHMENT FOR CUTS 102A AND 105 A	NET	30.00	.....	.....
DUPLEX SUCTION TYPE PUMPING UNIT COMPLETE FOR CUT 108A	NET	60.00	.....	.....
SIDE OR TOP LIGHTS ATTACHMENTS FOR MODEL "F" GASO, CUTS 104, 105, 106, 107 AND 108		16.00	11.20	11.60
120-gal., 12 gauge KEESEE Super-Welded, Underground Storage Tank		50.00	35.00	36.25
275-gal., 12 gauge KEESEE Super-Welded, Underground Storage Tank		66.00	46.20	47.85
275-gal., 12 gauge KEESEE Combination Storage and Pressure Tank, complete		83.00	58.10	60.18
550-gal., 12 gauge KEESEE Super-Welded, Underground Storage Tank		96.00	67.20	69.60
550-gal., 12 gauge KEESEE Combination Storage and Pressure Tank, complete		113.00	79.10	81.93
1000-gal., 12 gauge KEESEE Super-Welded, Underground Storage Tank		142.00	99.40	102.95
1000-gal., 12 gauge KEESEE Combination Storage and Pressure Tank, complete		159.00	111.30	115.28
120-gal., 14 gauge KEESEE Super-Welded, Underground Storage Tank		44.00	30.80	31.90
275-gal., 14 gauge KEESEE Super-Welded, Underground Storage Tank		56.00	39.20	40.60
550-gal., 14 gauge KEESEE Super-Welded, Underground Storage Tank		80.00	56.00	58.00
550-gal., 14 gauge KEESEE Combination Storage and Pressure Tank, complete		97.00	67.90	70.32

KEESEE Underground Storage Tanks have UNDERWRITERS' LABELS ATTACHED

INSTALLATION PRICES, NET CASH, NO DISCOUNT, ARE AS FOLLOWS:

Cut 101	Model "C"—Complete—Labor, Pipe and Fittings	$ 88.00
" 102	" "D"—Complete—Labor, Pipe and Fittings	130.00
" 104	" "F"—(No electric connections) Labor, Pipe and Fittings	38.00
" 105	" "F"—Complete—Labor, Pipe and Fittings	48.00
" 106	" "F"—Complete, Labor, Pipe and Fittings	38.00
" 107	" "F"—Complete—Labor, Pipe and Fittings	48.00
" 108	" "F"—Complete—Labor, Pipe and Fittings	38.00

Cut 100 Model H on application. Gasometer attachment on application.

The above Installation prices are based on the use of all Galvanized Pipe and Fittings throughout and are computed for a 30' or under, horizontal run from center of Pump to center of Pipe Outlets of Tank, with delivery of 30 mile limit from Los Angeles, Oakland and Seattle; 20 mile limit from San Diego, Fresno, Bakersfield, Medford and Portland, Oregon, and Phoenix, Arizona. Over any of the above distances, a charge of $5.00 for each additional 15 miles, or fraction thereof, for each Unit, will be made. In excess of the 30' horizontal run, an additional charge of $1.00 per foot on each Visible Pump; $2.00 per foot on the Oil Fountain, and $3.00 per foot on the Combination will be made. No Installation to be contracted for on Time and Material Basis.

NO EXCAVATION OR ELECTRICAL CONNECTIONS, BACK-FILLING, REMOVING SURPLUS DIRT, OR CONCRETE WORK, IS INCLUDED IN THE ABOVE MENTIONED PRICES.

TRADE KEESEE MARK

PARTS LIST NET—NO DISCOUNT

Hose Valve, 1-inch	$ 8.00
Hose Valve, 1¼-inch	10.00
Hose Hook	1.20
Gasoline Hose, 1-inch, 10 ft. length	7.50
Gasoline Hose, 1¼-inch, 10 ft. length	9.30
1¼-inch Hose, per foot for additional length	.70
1-inch Hose, per foot for additional length	.60
Flexible Nozzles, for any size valve (extra)	1.90
Hose Gaskets	.05
Skirts, complete (½ if desired)	15.00
New Screens	4.00
Cleaning Bowls, per hour	1.50
Air Valve, Automatic, complete	15.00
Bowl and Markers (installing extra)	16.00
Cork Gaskets, per set of 3	.60
2-inch Fill Pipe Lock and Cap, complete	4.00
2-inch Fill Pipe Cap only	1.20
Oil and Gas Globe	5.50
Vaporproof Globes, each	1.00
Top and Side Lights installed together, complete	18.00
Special Side Lights with No Globes or Vapor Proof Globes	6.00
Gauge Glasses, ⅝x32½ in.	1.25
Gauge Glasses, with fittings, complete for our tanks, per set	25.00
Gauge Glasses, 1¾x11 in.	1.00
Regulating Valve	8.25
Oil Valves (8 to a Fountain), each	3.50
Pop Valve, ¼-inch	2.00
Gauge, ¼-inch	2.50
Gauge Sticks	1.00
Bowl Pipes, renickeled, pet set, (installation extra)	1.60
Spanner Wrench for Models C and D, when furnished extra	.35
Hose Union Coupling, 1-inch	1.25
Hose Union Coupling, 1¼-inch	1.50
Light Check Valve, return line, 1¼-inch	2.80
Heavy Check Valve, 1¼-inch, gravity line	4.80
1¼-inch Special Angle Nipple for Hose	1.00
Drain Valve Discs	.15
Oil Tank Bushing and Cover Cap	1.50
Special Auxiliary Check Valve and Rod	5.25
Cut 108A—Trip Rod 1¾ off set and ⅞ off set	.75
Cut 104A—Small Steel Worm Gear	4.50
" —Bronze Worm Gear	6.60
Outside Number Strips, complete, pair	2.00

Keesee Manufacturing Co., Inc.

A California Corporation

Exclusive Builders Keesee Products

Visible Gasoline Pumps, Tanks, Oil Storage Systems and Gasoline and Oil Meters

Cable Address KCMANCO

Location of Points of Distribution

Seattle, Wash.....Mears Equipment Co.
Portland, Ore.....463 Hoyt St.
Oakland, Calif.....2349 Adeline St.
Fresno, Cal.....2124 Tuolumne St.
Phoenix, Ariz.....221 Luhrs Bldg.
Santa Maria, Calif.....508-A S. Thornburg
Colton, Calif.....253 West I St.
San Diego, Calif.....929 Ninth St.
Santa Ana, Calif.....1246 S. Ross St.

FACTORY AND OFFICE:
701-753 West Belgrave Avenue
Huntington Park
Los Angeles, California
Phones: DElaware 3441-3442

KEESEE MANUFACTURING CO., Inc.

2001 Belgrave Avenue
Huntington Park, California

NET PRICE LIST

EFFECTIVE SEPTEMBER 15, 1928, FOR PACIFIC COAST STATES

Cancelling All Previous Prices and Discounts Issued and Subject to Change without Notice

WHEN ORDERING SPECIFY DETAILS, AS FOLLOWS:	NET PRICES Los Angeles & Oakland	San Diego Portland Seattle	Phoenix
Cut 101A Model "C"—8 Unit OILO Fountain only, completely lighted	$160.00	$166.66	$173.32
" 101B " "C"—8 Unit OILO with 8-64 gal. underground tanks and lights	345.60	360.00	374.40
" 101C " "C"—8 Unit OILO with 8-60 gal. surface tanks and lights	345.60	360.00	374.40
" 101D " "C"—8 Unit OILO with 8-60 gal. surface tanks, glass gauges and lights	362.40	377.50	392.60
Cut 102A Model "D"—8 Unit COMBO Fountain only, completely lighted	308.20	315.60	328.65
" 102B " "D"—8 Unit COMBO with 8-64 gal. underground tanks and lights	493.20	515.60	536.25
" 102C " "D"—8 Unit COMBO with 8-60 gal. surface tanks and lights	493.20	515.60	536.25
" 102D " "D"—8 Unit COMBO with 8-60 gal. surface tanks, glass gauges and lights	511.80	533.19	554.45
8 OIL TANKS only for Models C and D, surface or underground, no glass gauges	185.00	200.00	208.00
Cut 104A Model "F"—GASO Electric Operated, Underwriters visible pump	250.80	261.25	271.70
" 105A " "F"—GASO Air Operated (Pressure type), visible pump	155.40	161.87	168.35
" 106A " "F"—GASO Hand Operated, visible pump	135.00	140.62	146.25
" 107A " "F"—GASO Air and Hand Operated (Pressure type), visible pump	171.00	178.12	185.25
" 108A " "F"—GASO Air and Hand Operated (Suction type), visible pump	213.00	221.87	230.75
Cut 109—Single Meter Stand Vender	440.00	460.00	480.00
" 110—Double Meter Stand Vender	518.00	538.00	560.00
METER PRICES ON APPLICATION			
AUXILIARY TANK FOR CUTS 102, 105 AND 107 WHERE PUMP IS SOLD ONLY AND COMBINATION TANK NOT FURNISHED	10.00	10.41	10.83
HAND PUMP ATTACHMENT FOR CUTS 102A AND 105A	30.00	33.00	36.00
DUPLEX SUCTION TYPE PUMPING UNIT COMPLETE FOR CUT 108A	60.00	62.00	64.00
SIDE OR TOP LIGHTS ATTACHMENTS FOR MODEL "F" GASO, CUTS 104, 105, 106, 107 AND 108	9.60	10.00	10.40
275-gal., 12 gauge KEESEE Super-Welded, Underground Storage Tank	39.60	41.25	42.90
275-gal., 12 gauge KEESEE Combination Storage and Pressure Tank, complete	49.80	51.87	53.95
550-gal., 12 gauge KEESEE Super-Welded, Underground Storage Tank	56.40	58.75	61.10
550-gal., 12 gauge KEESEE Combination Storage and Pressure Tank, complete	66.60	69.37	72.15
1000-gal., 12 gauge KEESEE Super-Welded, Underground Storage Tank	87.60	91.25	94.90
1000-gal., 12 gauge KEESEE Combination Storage and Pressure Tank, complete	97.80	101.88	105.95
275-gal., 14 gauge KEESEE Super-Welded, Underground Storage Tank	33.60	35.00	34.60
550-gal., 14 gauge KEESEE Super-Welded, Underground Storage Tank	48.00	50.00	52.00
550-gal., 12 gauge KEESEE Combination Storage and Pressure Tank, complete	58.20	60.63	63.05

Combination Tank when furnished without KEESEE PUMP, $15.00 additional net.

KEESEE Underground Storage Tanks have UNDERWRITERS' LABELS ATTACHED

INSTALLATION PRICES, NET CASH, NO DISCOUNT, ARE AS FOLLOWS:

Cut 101 Model "C"—Complete—Labor, Pipe and Fittings	$ 88.00
" 102 " "D"—Complete—Labor, Pipe and Fittings	130.00
" 104 " "F"—(No electric connection) Labor, Pipe and Fittings	38.00
" 105 " "F"—Complete—Labor, Pipe and Fittings	48.00
" 106 " "F"—Complete, Labor, Pipe and Fittings	38.00
" 107 " "F"—Complete—Labor, Pipe and Fittings	48.00
" 108 " "F"—Complete—Labor, Pipe and Fittings	38.00

Cut 100 Model H on application. Gasometer attachment on application.

The above Installation prices are based on the use of all Galvanized Pipe and Fittings throughout and are computed for a 30' or under, horizontal run from center of Pump to center of Pipe Outlets of Tank, with delivery of 30 mile limit from Los Angeles, Oakland and Seattle; 20 mile limit from San Diego, Fresno, Bakersfield, Medford and Portland, Oregon, and Phoenix, Arizona. Over any of the above distances, a charge of $5.00 for each additional 15 miles, or fraction thereof, for each Unit, will be made. In excess of the 30' horizontal run, an additional charge of $1.00 per foot on each Visible Pump; $2.00 per foot on the Oil Fountain, and $3.00 per foot on the Combination will be made. No installation to be contracted for on Time and Material Basis.

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KEESEE TRADE MARK

PARTS LIST NET—NO DISCOUNT

Hose Valve, 1-inch	$ 8.00
Hose Valve, 1¼-inch	10.00
Hose Hook	1.20
Gasoline Hose, 1-inch, 10 ft. length	7.50
Gasoline Hose, 1¼-inch 10 ft. length	9.30
1¼-inch Hose, per foot for additional length	.70
1-inch Hose, per foot for additional length	.60
Flexible Nozzles, for any size valve (extra)	1.90
Hose Gaskets	.05
Skirts, complete (½ if desired)	15.00
New Screens	4.00
Cleaning Bowls, per hour	1.50
Air Valve, Automatic, complete	15.00
Bowl and Markers (installing extra)	16.00
Cork Gaskets, per set of 3	.60
2-inch Fill Pipe Lock and Cap, complete	4.00
2-inch Fill Pipe Cap only	1.20
Oil and Gas Globe	5.50
Vaporproof Globes, each	1.00
Top and Side Lights installed together, complete	18.00
Special Side Lights with No Globes or Vapor Proof Globes	6.00
Gauge Glasses, ⅝x32½ in.	1.25
Gauge Glasses, with fittings, complete for our tanks, per set	25.00
Gauge Glasses, 1¾x11 in.	1.00
Regulating Valve	8.25
Oil Valves (8 to a Fountain), each	3.50
Pop Valve, ¼-inch	2.00
Gauge, ¼-inch	2.50
Gauge Sticks	1.00
Bowl Pipes, renickled, pet set, (installation extra)	1.60
Spanner Wrench for Models C and D, when furnished extra	.35
Hose Union Coupling, 1-inch	1.25
Hose Union Coupling, 1¼-inch	1.50
Light Check Valve, return line, 1¼-inch	2.80
Heavy Check Valve, 1¼-inch, gravity line	4.80
1¼-inch Special Angle Nipple for Hose	1.00
Drain Valve Discs	.15
Oil Tank Bushing and Cover Cap	1.50
Special Auxiliary Check Valve and Rod	5.25
Cut 108A—Trip Rod 1¾ off set and ⅞ off set	.75
Cut 104A—Small Steel Worm Gear	4.50
" —Bronze Worm Gear	6.60
Outside Number Strips, complete, pair	2.00

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Visible Gasoline Pumps, Tanks, Oil Storage Systems and Gasoline and Oil Meters

Cable Address KCMANCO

Location of Points of Distribution

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Oakland, Calif. ..... 2309 Adeline St.
Fresno, Cal. ..... 2125 Tuolumne St.
Phoenix, Ariz. ..... 321 Luhrs Bldg.
Santa Maria, Calif. ..... 530-A Thornburg
Colton, Calif. ..... 259 West I St.
San Diego, Calif. ..... 929 Ninth St.
Santa Ana, Calif. ..... 1246 S. Ross St.

FACTORY AND OFFICE:
2001 Belgrave Avenue
Huntington Park
Los Angeles, California
Phone: Midland 2117